



PRODUCT CATALOG

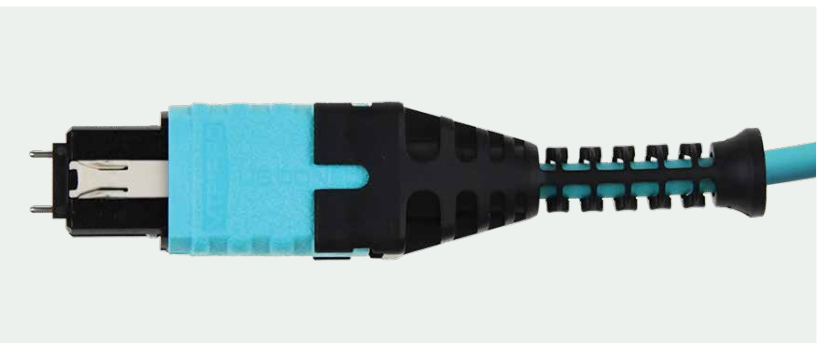


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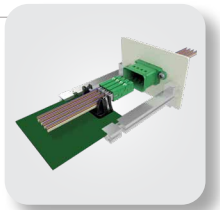
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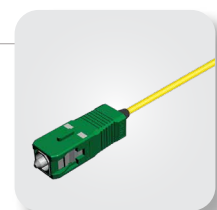


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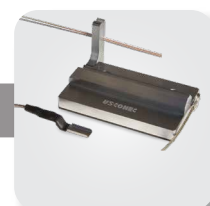


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TMT Ferrules

US Conec manufactures durable, composite, Polyphenylene Sulfide (PPS) based thermoplastic ferrules that terminate 125 micrometer optical fiber. As in MT ferrules, the alignment mechanism consists of two stainless steel guide pins that fit into precisely molded alignment holes. The overall footprint of the TMT is reduced in comparison to a traditional MT ferrule. The length is half of a traditional MT ferrule, and the height is reduced by over 30% of an MT. These ferrules are used in conjunction with the MMC connector, but they are also suitable for custom designed passive or active fiber coupling packages. Similar to the MT ferrule, US Conec offers TMT ferrules with low insertion loss performance that aligns with IEC’s 61755-1 Grade B performance definition. The TMT alignment features are compatible with IEC 61754-7-1 and IEC 61754-7-2. The TMT-16 alignment features are compatible with TIA 604-18 (FOCIS 18), IEC 61754-7-3 and the emerging IEC 61754-7-4.

Features:

- 250 micron pitch
- Compatible with 250, 200, and 165 micron fibers
- Intermateable with corresponding MT and MT-16 formats
- Low insertion loss for SM APC and MM APC applications
- SM MT Elite® PA (pre-angled) meets IEC 61755-3-31 grade B requirements



TMT and MT Ferrule Performance

US Conec offers MT ferrules in multiple performance grades tailored to specific application and fiber count requirements. US Conec’s industry leading low-loss MT components are referred to as MT Elite® ferrules. Single-mode MT Elite® ferrules will have a maximum insertion loss of 0.35dB. Standard loss multimode ferrules offer a maximum insertion loss of 0.6dB when tested at 850nm on OM2, OM3 or OM4 fiber. Similarly, multimode MT Elite® ferrules have a maximum insertion loss of 0.35dB when tested at 850nm on OM2, OM3 or OM4 fiber. US Conec’s single-mode MT Elite® low loss ferrules are produced to meet the ratified IEC 61755-3-31 grade B specification.

Specifications

Ferrule Type	Random Mated Attenuation ¹ (≥ 97% dB)	Mean Random Mated Attenuation (dB)	Return Loss (dB)
Single-mode MT Elite® PA	≤0.25 ^{2,3}	≤0.12 ^{2,3}	≥60
Multimode MT Elite®	≤0.25	≤0.12	≥25

Per IEC 61755-3-31, predicted performance yield will vary at different ferrule fiber counts (e.g., For 12F, IEC Grade B estimated attenuation of 0.35dB with 93% yield).

¹ IEC 61755-1 defines Grades based on ≥97% random mated loss probability of channels meeting or exceeding loss specification.

² IEC 61755-3-31 is defined for up to 12 fibers for SM APC only.

³ Exceeds IEC 61755-1 Grade B performance.

TMT, Single-mode MT Ferrules

Part Number	Description
24918	12-Fiber, Single-mode TMT Elite (1x12 Footprint)
23821	24-Fiber, Single-mode TMT Elite (2x12 Footprint)
23372	16-Fiber, Single-mode TMT Elite (1x16 Footprint)
25567	32-Fiber, Single-mode TMT Elite (2x16 Footprint)

Epoxy (For use with TMT Ferrules)

Part Number	Description
24689	Epoxy, 353ND, 4g Pack

MT Ferrules

US Conec manufactures durable, composite, Polyphenylene Sulfide (PPS) based thermoplastic ferrules available with up to 72 fiber holes that terminate 125 micrometer optical fiber. The alignment mechanism consists of two stainless steel guide pins that fit into precisely molded alignment holes. The ferrules are used in conjunction with US Conec's industry hailed, MTP® brand, MPO type connectors; however, they are also suitable for custom designed passive or active fiber coupling packages. US Conec's MT ferrule is compliant with IEC Standard 61754-5, IEC 61754-7-1 and IEC 61754-7-2.

Features:

- High density; fiber pitch: 0.25mm
- Increased precision of fiber and guide pin hole sizes and location
- Consistent optical performance for multimode (flat protruded polish) and single-mode (angled protruded polish)
- Extremely low hygroscopic material for exceptional environmental stability
- Mold marks to indicate fiber type and ferrule grade
- Pre-angled SM MT Elite® available
- MM MT Elite® optimized for 10G, 40G, 100G and 400G applications
- SM MT Elite® PA (pre-angled) meets IEC 61755-3-31 grade B requirements



24 Fiber, Multimode
MT Ferrule



12 Fiber, Single-mode
Pre-Angled MT Ferrule

Single-mode MT Elite® PA Ferrule Kits *(Includes MT Ferrule and Boot)*

Part Number	Description
17187	12-Fiber, Single-mode MT Elite®, Pre-angled Ferrule

Single-mode Super-MT Elite® Ferrule Kits *(Includes MT Ferrule and Boot)*

Part Number	Description
19809	12-Fiber, Super-MT Elite®, APC Reference Ferrule, Pre-Angled

Multimode MT Ferrule Kits *(Includes MT Ferrule and Boot)*

Part Number	Description
12599	48-Fiber, Multimode Ferrule
9730	72-Fiber, Multimode Ferrule <i>(*ferrule boot is not included)</i>

Multimode MT Elite® Ferrule Kits *(Includes MT Ferrule and Boot)*

Part Number	Description
17185	12-Fiber, Multimode MT Elite®, Ferrule
18007	24-Fiber, Multimode MT Elite®, Ferrule

Epoxy *(For use with MT Ferrules)*

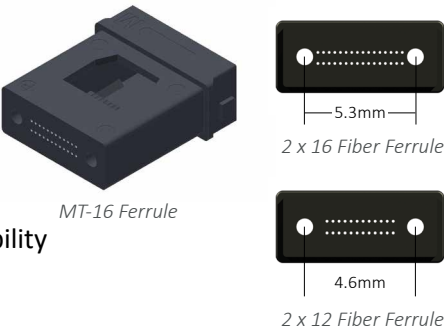
Part Number	Description
24689	Epoxy, 353ND, 4g Pack

MT-16 Ferrules

US Conec manufactures durable, composite, Polyphenylene Sulfide (PPS) based thermoplastic ferrules. US Conec’s MT-16 ferrules are designed to support next generation parallel transmission protocols that are arranged in increments of 8 or 16 fibers. Available in one row or two rows, the 16 fiber MT Elite® ferrule format utilizes the same external ferrule footprint as the existing traditional 12 fiber ferrule, leveraging all the proven features and technology of US Conec’s PPS MT ferrules in a higher density format. The ferrule meets the requirements being standardized by TIA 604-18 (FOCIS 18) and the emerging IEC 61754-7-3 and the emerging IEC 61754-7-4.

Features:

- Highest density physical contact
- Fiber pitch: 0.25mm within the row; 0.50mm between rows
- Consistent optical performance for multimode (flat protruded polish)
- Extremely low hygroscopic material for exceptional environmental stability
- MM MT Elite® for high speed VCSEL links
- Same external footprint as traditional MT ferrules



MT-16, Single-mode MT Elite® Ferrule Kits (Includes MT Ferrule and Boot)

Part Number	Description
25649	16-fiber, Single-mode MT Elite® (1x16 Footprint)

MT-16, Multimode MT Elite® Ferrule Kits (Includes MT Ferrule and Boot)

Part Number	Description
22008	16-Fiber, Multimode MT Elite® (1x16 Footprint), for APC Polish
16505	32-Fiber, Multimode MT Elite® (2x16 Footprint)

Epoxy (For use with MT Ferrules)

Part Number	Description
24689	Epoxy, 353ND, 4g Pack

MT Ferrules

MT Alignment Guide Pins

The performance of any MT based connector is only as good as the guide pin used in the mating process. Precision alignment is achieved with patented guide pins combined with the tightly controlled guide pin holes on US Conec’s MT ferrules. US Conec offers MT guide pins in several different configurations for use in a variety of applications. Please note that the guide pins are integrated into the appropriate pin clamp when ordering MTP® connectors, so there is no need to purchase individual pins in that situation.

Features:

- Single-mode, low loss single-mode, and multimode precision available
- Elliptical pin tips preserve ferrule guide-pin holes
- Available with custom features such as grooves and collars
- Lead free for RoHS compliance without reliance on exemptions

Applications:

- Incorporated into receptacles and lens holders
- Custom high precision alignment for module packaging
- Custom connectors



Specifications:

- Meets TIA standard 604-5 (Type-MPO)
- RoHS Compliant

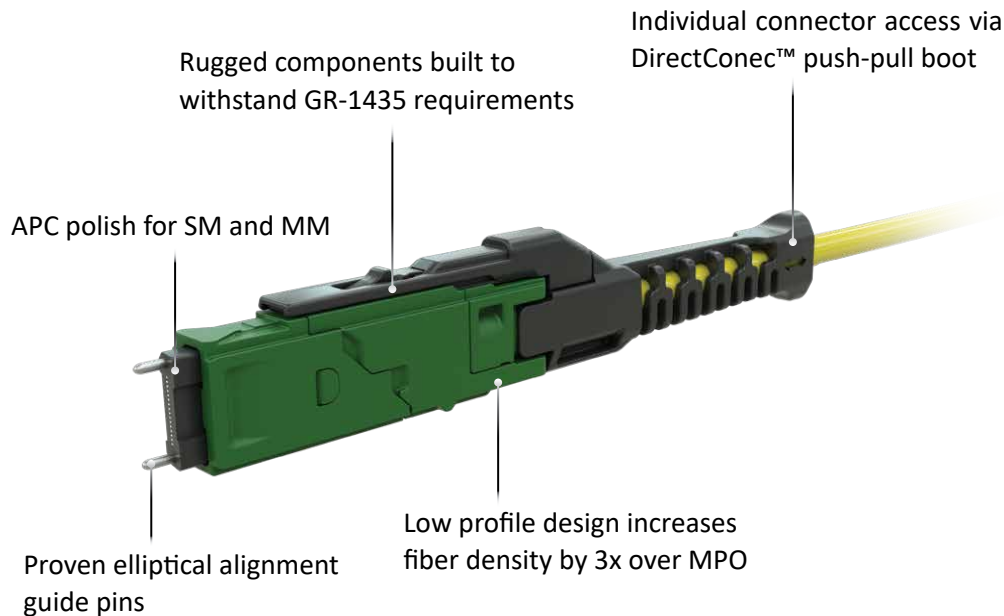
MT Alignment Guide Pins

Part Number	Description
16738	Single-mode MT Elite® Grooved Guide Pin
12766	Multimode Flat Head Guide Pin
16736	Multimode Grooved Guide Pin
16737	Single-mode/Multimode MT Elite® Grooved Guide Pin
16744	Multimode Flat Pin Clamp
16745	Single-mode Flat Pin Clamp
16396	MT Elite® Flat Pin Clamp

US Conec also provides custom guide pins for a variety of MT ferrule and parallel optic module packaging applications.

MMC Connectors

US Conec's MMC connector is a Very Small Form Factor (VSFF) multi-fiber optical connector designed for termination of single-mode and multimode fiber cables up to 2.5mm in diameter. The MMC connector employs novel TMT ferrule technology harmonized with the MT or MT-16 alignment structure. Individual connector access in the most extremely dense connector environments is easily accomplished using revolutionary DirectConec™ push-pull boot technology.



Features:

- 3x cabling port density over the MPO format
- DirectConec™ push-pull boot for effortless connector insertion and extraction
- Utilizes proven MT or MT-16 mechanical and fiber alignment structures
- 250 μm pitch for compatibility with standard 250 μm and smaller OD optical fibers
- TMT Elite low-loss, IEC Grade B insertion loss performance (0.25dB 97% random intermate)
- APC for both SM and MM applications
- Available in 1x12, 1x16, 2x12 and 2x16 Single Mode TMT Elite variants
- Tested to Telcordia GR-1435
- Cables up to 2.5mm OD
- Standard cabling industry infrastructure support including IBC cleaners, polishers, interferometers, and optical testing equipment

MMC Connectors

MMC Connector with DirectConec™ Push Pull Boot
Ø 2.0 mm, Nominal Cable OD



Controlled, MMC Connector with 2.0mm Crimp Solution

Housing Color	Single-Mode MMC Elite		
	DirectConec™ PP Boot	MMC Kit P/N, Male	MMC Kit P/N, Female
Green	28 mm	24890	24889
	44 mm	25600	25599

Controlled, MMC-16 Connector with 2.0 mm Crimp Solution

Housing Color	Single-Mode MMC Elite		
	DirectConec™ PP Boot	MMC Kit P/N, Male	MMC Kit P/N, Female
Green	28 mm	24897	24896
	44 mm	24954	24953

MMC Connector with DirectConec™ Push Pull Boot, Jacket Crimp



Controlled, MMC Connector with Jacket Crimp Solution

Housing Color	Single-Mode MMC Elite		
	DirectConec™ PP Boot	MMC Kit P/N, Male	MMC Kit P/N, Female
Green	28 mm	25518	25517
	44 mm	25602	25601

Controlled, MMC-16 Connector with Jacket Crimp Solution

Housing Color	Single-Mode MMC Elite		
	DirectConec™ PP Boot	MMC Kit P/N, Male	MMC Kit P/N, Female
Green	28 mm	25520	25519
	44 mm	25604	25603

* Ferrules sold separately

MMC Jr. Connector | Bare Ribbon



Bare Ribbon, Controlled, MMC Jr. Connector (Exploded View)

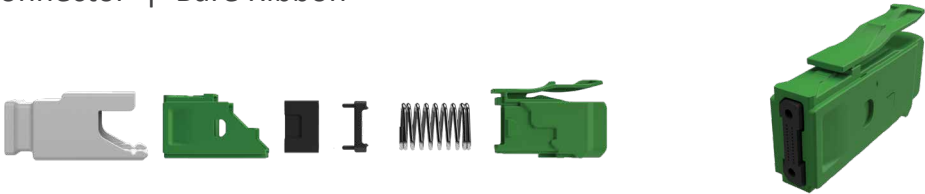
Bare Ribbon, Controlled, MMC Jr. Connector

Housing Color	Single-Mode MMC Elite	
	MMC Kit P/N, Male	
Green	24895	

Bare Ribbon, Controlled, MMC-16 Jr. Connector

Housing Color	Single-Mode MMC Elite	
	MMC Kit P/N, Male	
Green	24902	

MMC Mini Connector | Bare Ribbon



Bare Ribbon, Controlled, MMC Mini Connector (Exploded View)

Bare Ribbon, Controlled, MMC Mini Connector

Housing Color	Single-Mode MMC Elite	
	MMC Kit P/N, Male	MMC Kit P/N, Female
Green	25575	25574

Bare Ribbon, Controlled, MMC-16 Mini Connector

Housing Color	Single-Mode MMC Elite	
	MMC Kit P/N, Male	MMC Kit P/N, Female
Green	25577	25576

* Ferrules sold separately

MMC Adapters

MMC 1-Port Adapters



	Color	Mating Connectors (Front/Back)	Dust Plugs	Part Number
	Green	MMC/MMC	0	24925
	Green	MMC/MMC	1*	25156
	Green	MMC/MMC	2*	25164
	Black	MMC/MMC	0	25153
	Black	MMC/MMC	1*	25161
	Black	MMC/MMC	2*	25169

MMC 2-Port Adapters



	Color	Mating Connectors (Front/Back)	Dust Plugs	Part Number
	Green	MMC/MMC	0	24188
	Green	MMC/MMC	2*	24196
	Green	MMC/MMC	4*	24204
	Black	MMC/MMC	0	24193
	Black	MMC/MMC	2*	24201
	Black	MMC/MMC	4*	24209

MMC 4-Port Adapters



	Color	Mating Connectors (Front/Back)	Dust Plugs	Part Number
	Green	MMC/MMC	0	24245
	Green	MMC/MMC	4*	24253
	Green	MMC/MMC	8*	24261
	Black	MMC/MMC	0	24250
	Black	MMC/MMC	4*	24258
	Black	MMC/MMC	8*	24266

*Dust plugs are kitted with MMC adapters. Dust plugs are not pre-assembled in MMC Adapters.

MMC Jr 4-Port Adapters

	Color	Mating Connectors (Front/Back)	Dust Plugs	Part Number
	Green	MMC/MMC Jr.	0	24171
	Green	MMC/MMC Jr.	4*	24287
	Black	MMC/MMC Jr.	0	24284
	Black	MMC/MMC Jr.	4*	24292

MMC Jr 6-Port Adapters

	Color	Mating Connectors (Front/Back)	Dust Plugs	Part Number
	Green	MMC/MMC Jr.	0	25003
	Green	MMC/MMC Jr.	6*	25004
	Black	MMC/MMC Jr.	0	25345
	Black	MMC/MMC Jr.	6*	25352

*Dust plugs are kitted with MMC adapters. Dust plugs are not pre-assembled in MMC Adapters.

Dust Plug

	Color	Port	Part Number
	Slate	MMC	23049

*Dust plugs are kitted with MMC adapters. Dust plugs are not pre-assembled in MMC Adapters.

MMC Connector Tools

Part Number	Description	Part Number	Description
21708	Crimp Die	25238	MMC Spring Compression Tool
22322	Crimp Die Guide	25624	Cable Prep Tool (2.0-3.0 mm OD)
25046	Crimp Die Set with Crimp Die Guide	25625	Cable Prep Tool Replacement Blades
26174	MMC/MMC Jr Shroud Removal Tool		

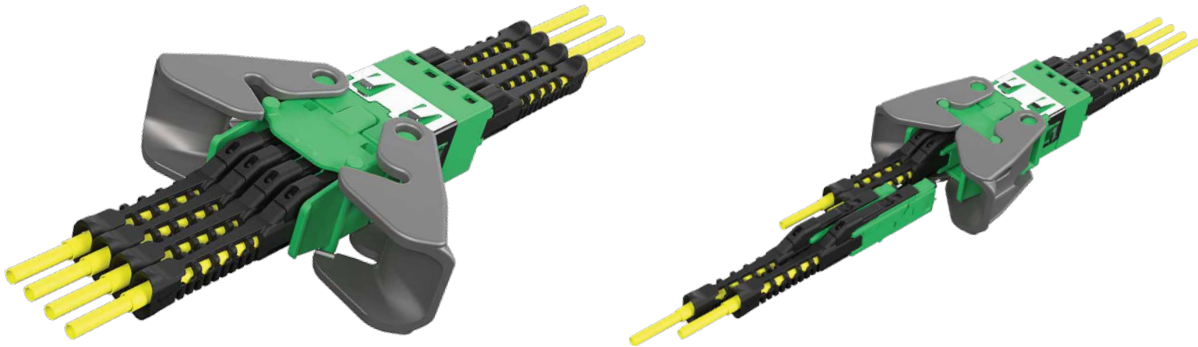
MI MMC Adapters

As demand for higher bandwidth continues to rise, data centers face an exponential growth in connections between switches and servers. While installing a single connector may seem trivial, scaling this process to tens of thousands of connections transforms installation time into a critical factor during system deployment. US Conec’s MI (Mass Insertion) MMC adapters provide a seamless solution to accelerate connector installation and optimize efficiency.

The MI MMC adapters feature an innovative adapter assembly and carrier, designed to mate multiple connectors in a single insertion. With uniquely engineered lever arms, these adapters provide a mechanical advantage during installation, ensuring rapid and secure engagement—making high-volume connector deployment effortless.

To further reduce field installation time, cable assemblies can be pre-installed into MI MMC adapters at the factory, arriving pre-configured for immediate deployment. This approach minimizes port mapping errors, ensuring a streamlined setup while significantly reducing troubleshooting efforts.

When troubleshooting is necessary, the innovative carrier allows a singular connector to be removed from the adapter for inspection or removal without disturbing the adjacent connectors. MI MMC adapters allow maximum connector installation efficiency while minimizing unnecessary disruptions due to unforeseen circumstances.



MI MMC 4-Port Adapters

	Color	Mating Connectors (Front/Back)	Includes	Part Number
	Green/Slate	MMC/MMC	Adapter Assembly Front Dust Plug	25693

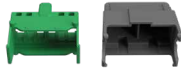
MI MMC 4-Port Carrier Kit

	Color	Mating Connectors (Front/Back)	Includes	Part Number
	Green	MMC/MMC	Carrier, Dust Cap (bagged separately)	25695

MI MMC 6-Port Adapters

	Color	Mating Connectors (Front/Back)	Includes	Part Number
	Green/Slate	MMC/MMC	Adapter Assembly Front Dust Plug	25692

MI MMC 6-Port Carrier Kit

	Color	Mating Connectors (Front/Back)	Includes	Part Number
	Green	MMC/MMC	Carrier, Dust Cap (bagged separately)	25696

MI MMC 8-Port Adapters

	Color	Mating Connectors (Front/Back)	Includes	Part Number
	Green/Slate	MMC/MMC	Adapter Assembly Front Dust Plug	26350

MI MMC 8-Port Carrier Kit

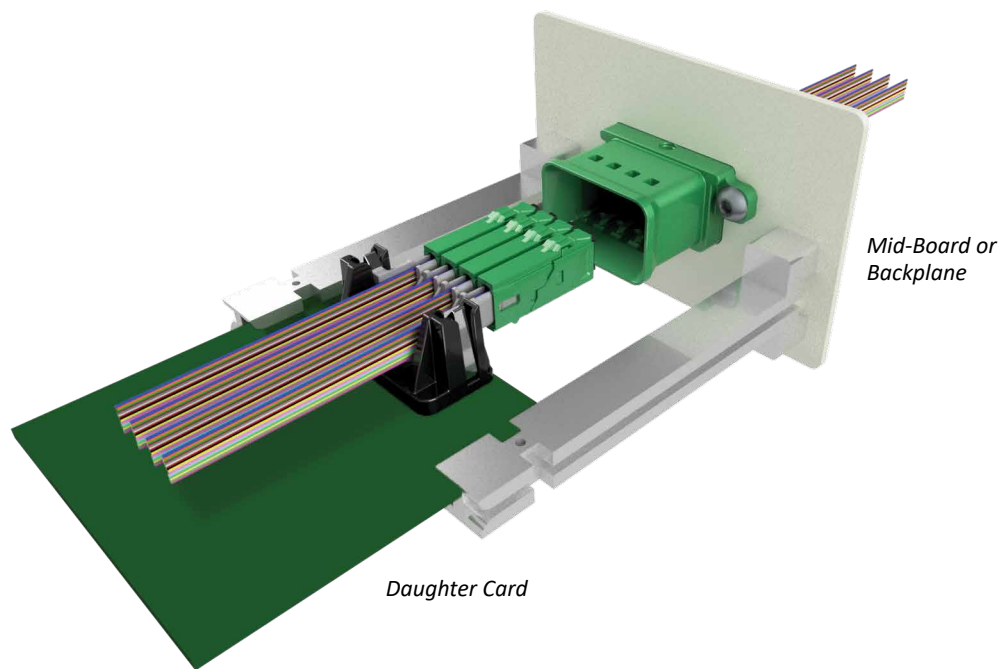
	Color	Mating Connectors (Front/Back)	Includes	Part Number
	Green	MMC/MMC	Carrier, Dust Cap (bagged separately)	26351

MMC Blind Mate Connector System

Optical communication systems' links do not always terminate in an easily accessible area. As scale-up and scale-out applications continue to increase, more optical connections are located where hands cannot physically reach or eyes may not be able to see. US Conec has designed the MMC Blind Mate Connectors to assist with the connections in these hard-to-reach locations.

The MMC Blind Mate Connector System includes blind mate connectors and a blind mate adapter. The blind mate connectors are mounted to a movable board using a bracket assembly with a multiple connector spring push. Unlike standard MMC connectors, MMC blind mate connectors do not have individual connector latches and thus do not need individual connector access to mate or de-mate. Connectors are held in place using the board latching system. The unique adapter design, along with the bracket/spring assembly, repositions the blind mate connectors during board engagement to provide precise alignment of the connectors with the adapter ports.

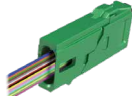
The MMC blind mate connector system debuts with a 4-port adapter, but can easily be scaled to other port counts. The MMC blind mate adapter accepts standard MMC connectors or MMC Mini connectors.



Features:

- 3x density of MPO-based solutions
- Novel design with X, Y and Z float supports $\pm 1\text{mm}$ card to chassis mounting registration tolerance in each axis
- Backplane ports accept standard MMC or compact MMC Mini connector variants with individual ferrule granularity
- Scalable to multiple port counts
- Optional shuttered interface for each connector port

Controlled, MMC Blind Mate Connector

	Single-Mode MMC Elite		
	Housing Color	MMC Kit P/N, Male	MMC Kit P/N, Female
	Green	26361	26359

Controlled, MMC-16 Blind Mate Connector

	Single-Mode MMC Elite		
	Housing Color	MMC Kit P/N, Male	MMC Kit P/N, Female
	Green	26362	26360

MMC 4-Port Blind Mate Adapters

	Color	Mating Connectors (Front/Back)	4-port Dust Plugs	Part Number
	Green	MMC/MMC Blind Mate	0	25890
	Green	MMC/MMC Blind Mate	1*	26414
	Green	MMC/MMC Blind Mate	2*	26415

*Dust plugs are kitted with MMC adapters. Dust plugs are not pre-assembled in MMC Adapters.

MMC Blind Mate Hardware

	Description	Color	Includes	Part Number
	Bracket Assembly, 4-Port	Black/Slate	Mounting Bracket, Bracket Spring	26363
	Bracket Assembly, 4-Port, w/ Spring Push	Black/Slate	Mounting Bracket, Bracket Spring, Spring Push, Connector Cap	26364
	Spring Push w/ Cap	Black/Slate	Spring Push, Connector Cap	26365

MTP® Overview

MTP® Connectors are the proven and trusted MPO style format which has pioneered the high density structured cabling interconnect market with state-of-the-art multi-fiber optical performance.

US Conec Designed and Manufactured Ferrules and Components

At the core of an MTP® connector is a US Conec designed and manufactured MT ferrule. The MTP® connector components and associated termination processes are designed as a system to work seamlessly together ensuring a high factory yield and reliable cable assembly in the field.

Precision Components Exceeding Standards Requirements

US Conec's MTP® connector components are engineered to occupy a small fraction of the standardized allowable tolerance zones.

- Industry leading optical performance
- Minimized debris generation
- Optimal stability and repeatability

Novel Features Ensuring Reliability and Usability

- Elliptical pins maximize durability and minimize installation time
- Floating ferrule with accurate pre-alignment ensures robust, stable connection
- Removable housing enables servicing and configurability
- Oval spring minimizes size and maximizes fiber clearance
- Centered forces ensure consistent, stable performance across all fibers



Unmatched Process Training and Support Infrastructure

- Formal termination, testing and installation training
- Full suite of ancillary support products
- Product evaluations
- On-site field support
- Product selection and use guidance

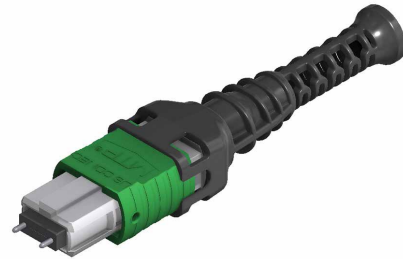
MTP® Solutions

US Conec offers an MTP® brand MPO solution for virtually any low-loss physical contact application for use in controlled and uncontrolled environments, and supporting 9.8N (single array) and 20N (multiple array) variants.

MTP® PRO X

The MTP® PRO X connector is optimized for APC applications, enabling simple and quick field and factory pin reconfiguration.

- No Field polarity change
- Field gender change
- DirectConec™ push-pull system
- Enhanced alignment and performance



MTP® PRO

The state-of-the-art MTP® PRO connector brings simplified use to the MPO format by offering optimal field flexibility and enhanced performance.

- Field polarity change
- Field gender change
- DirectConec™ push-pull system
- Enhanced alignment and performance



MTP®

Broadest offering of MPO connectors on the market with trusted performance and reliability.

- Fiber counts from 4 to 72
- Controlled and uncontrolled environments
- Cable sizes from 2.0mm to 5.5mm
- Straight and angled cable exits
- DirectConec™ push-pull system
- Round, oval, bare ribbon and MTP® FLEX boots

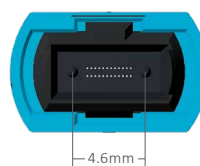


MTP®-16

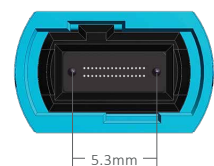
Trusted MTP® brand performance emerging 16 fiber applications.

- SR8 and PSM8
- DirectConec™ push-pull system
- High density trunk cabling compatible with duplex, 4+4 and 8+8 parallel formats

FOCUS 5 / TIA-604-5

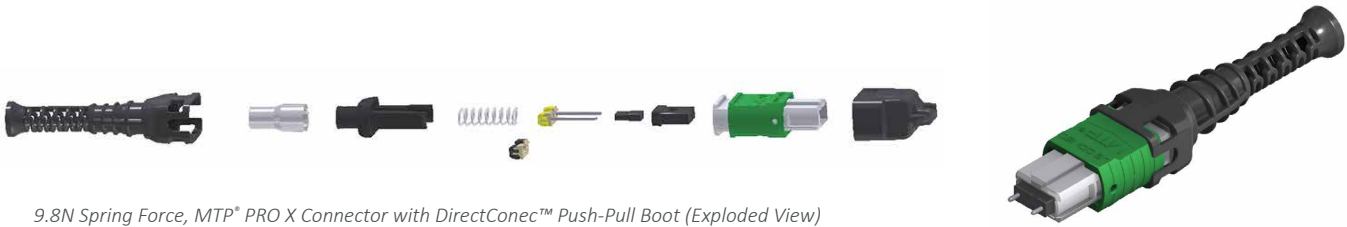


FOCUS 18 / TIA-604-18 (MTP®-16)



MTP® PRO X Connectors

MTP® PRO X with DirectConec™ Push-Pull Boot | 9.8N Spring Force
Ø 2.0mm



9.8N Spring Force, MTP® PRO X Connector with DirectConec™ Push-Pull Boot (Exploded View)

Ø 2.0mm, Controlled, 9.8N Spring Force, MTP® PRO X with DirectConec™ Boot

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	25329	25328

Ø 2.5mm, Controlled, 9.8N Spring Force, MTP® PRO X with DirectConec™ Boot

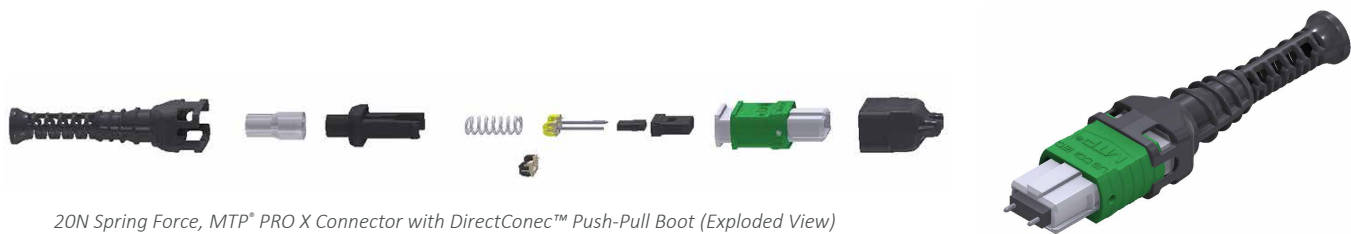
Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	25331	25330

Ø 3.0mm, Controlled, 9.8N Spring Force, MTP® PRO X with DirectConec™ Boot

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	25333	25332

* Ferrules sold separately

MTP® PRO X with DirectConec™ Push-Pull Boot | 20N Spring Force
Ø 2.0mm



Connectors

Ø 2.0mm, Controlled, 20N Spring Force, MTP® PRO X with DirectConec™ Boot

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26052	26051

Ø 2.5mm, Controlled, 20N Spring Force, MTP® PRO X with DirectConec™ Boot

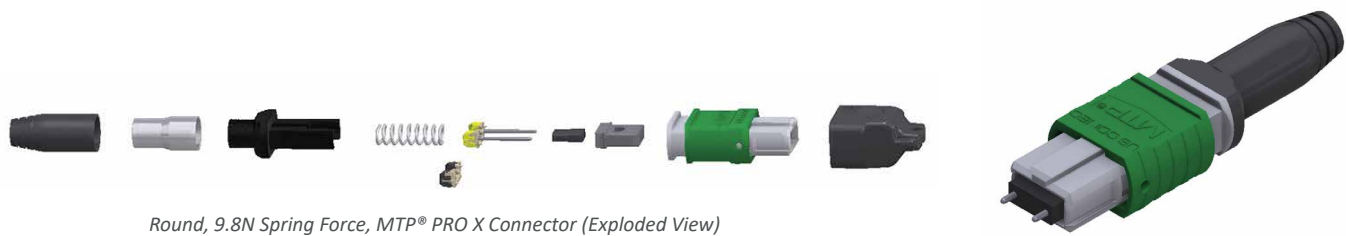
Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26054	26053

Ø 3.0mm, Controlled, 20N Spring Force, MTP® PRO X with DirectConec™ Boot

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26100	26099

MTP® PRO X Connectors

MTP® PRO X Short Boot | 9.8N, Spring Force
Ø 2.0mm – 3.6mm Nominal Cable OD



Round, 9.8N Spring Force, MTP® PRO X Connector (Exploded View)

Ø 2.0mm Short Boot, Controlled, 9.8N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26058	26057

Ø 3.0mm Short Boot, Controlled, 9.8N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26060	26059

Ø 3.6mm, Short Boot, Controlled, 9.8N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26062	26061

* Ferrules sold separately

MTP® PRO X Short Boot | 20N, Spring Force
Ø 2.0mm – 3.6mm Nominal Cable OD



Round, 20N Spring Force, MTP® PRO X Connector (Exploded View)

Ø 2.0mm Short Boot, Controlled, 20N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26072	26071

Ø 3.0mm Short Boot, Controlled, 20N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26074	26073

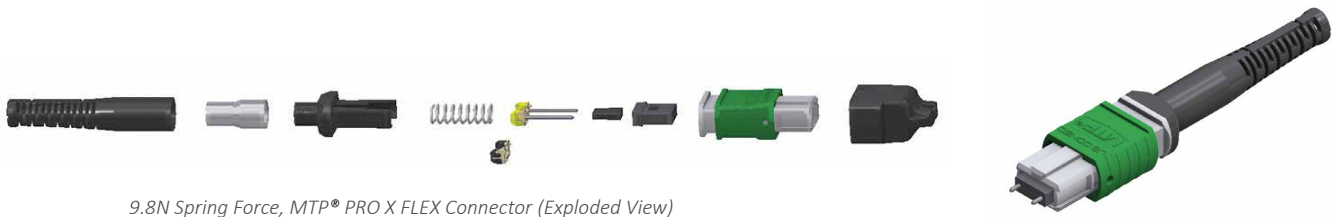
Ø 3.6mm, Short Boot, Controlled, 20N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26076	26075

* Ferrules sold separately

MTP® PRO X Connectors

MTP® PRO X FLEX | 9.8N Spring Force
Ø 3.0mm



9.8N Spring Force, MTP® PRO X FLEX Connector (Exploded View)

Ø 3.0mm, Flex Boot, Controlled, 9.8N Spring Force, MTP® PRO X FLEX

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	25885	25886

MTP® PRO X FLEX | 20N Spring Force
Ø 3.0mm – 3.6mm Nominal Cable OD

Ø 3.0mm, Flex Boot, Controlled, 20N Spring Force, MTP® PRO X FLEX

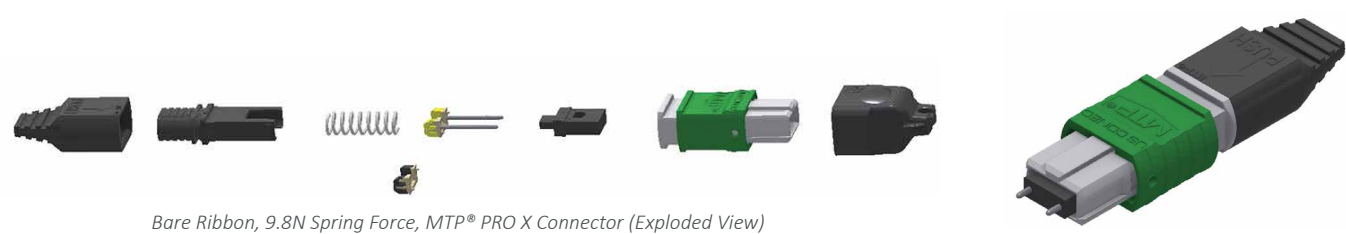
Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26088	26087

Ø 3.6mm, Flex Boot, Controlled, 20N Spring Force, MTP® PRO X FLEX

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26090	26089

* Ferrules sold separately

MTP® PRO X | 9.8N Spring Force
Bare Ribbon



Bare Ribbon, 9.8N Spring Force, MTP® PRO X Connector (Exploded View)

Bare Ribbon, Controlled, 9.8N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26092	26091

Bare Ribbon without Boot, Controlled, 9.8N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26094	26093

MTP® PRO X | 20N Spring Force
Bare Ribbon

Bare Ribbon, Controlled, 20N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26096	26095

Bare Ribbon without Boot, Controlled, 20N Spring Force, MTP® PRO X

Housing Color	Single-mode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Green	26098	26097

* Ferrules sold separately

MTP® PRO with DirectConec™ Push-Pull Boot | 9.8N Spring Force
Ø 2.0mm – 3.6mm Nominal Cable OD



9.8N Spring Force, MTP® PRO Connector with DirectConec™ Push-Pull Boot (Exploded View)

Ø 2.0mm, Controlled, 9.8N Spring Force, MTP® PRO with DirectConec™ Boot

Housing Color	Multimode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Aqua	21744	21743
Heather Violet	21746	21745
Lime	21748	21747

Ø 2.5mm, Controlled, 9.8N Spring Force, MTP® PRO with DirectConec™ Boot

Housing Color	Multimode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Aqua	21752	21751
Heather Violet	21754	21753
Lime	21756	21755

Ø 3.0 mm, Controlled, 9.8N Spring Force, MTP® PRO with DirectConec™ Boot

Housing Color	Multimode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Aqua	21760	21759
Heather Violet	21762	21761
Lime	21764	21763

Ø 3.6mm, Controlled, 9.8N Spring Force, MTP® PRO with DirectConec™ Boot

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	23098	23097
Heather Violet	23100	23099
Lime	23102	23101
Housing Color	Single-Mode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Green	23104	23103

* Ferrules sold separately

MTP® PRO with DirectConec™ Push-Pull Boot | 20N Spring Force Ø 2.0mm – 3.6mm Nominal Cable OD



20N Spring Force, MTP® PRO Connector with DirectConec™ Push-Pull Boot (Exploded View)



Ø 2.0mm, Controlled, 20N Spring Force, MTP® PRO with DirectConec™ Boot

Housing Color	Multimode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Aqua	21768	21767
Heather Violet	21770	21769
Lime	21772	21771

Ø 2.5mm, Controlled, 20N Spring Force, MTP® PRO with DirectConec™ Boot

Housing Color	Multimode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Aqua	21776	21775
Heather Violet	21778	21777
Lime	21780	21779

Ø 3.0mm, Controlled, 20N Spring Force, MTP® PRO with DirectConec™ Boot

Housing Color	Multimode MTP Elite®	
	MTP® PRO X Kit P/N, Male	MTP® PRO X Kit P/N, Female
Aqua	21784	21783
Heather Violet	21786	21785
Lime	21788	21787

Ø 3.6mm, Controlled, 20N Spring Force, MTP® PRO with DirectConec™ Boot

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	23106	23105
Heather Violet	23108	23107
Lime	23110	23109
Housing Color	Single-Mode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Green	23112	23111

* Ferrules sold separately

MTP® PRO Short Boot | 9.8N Spring Force
Ø 2.0mm – 3.6mm Nominal Cable OD



Round, 9.8N Spring Force, MTP® PRO Connector (Exploded View)

Ø 2.0mm Short Boot, Controlled, 9.8N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	23192	23191
Heather Violet	23194	23193
Lime	23196	23195

Ø 3.0mm Short Boot, Controlled, 9.8N Spring Force, MTP® PRO

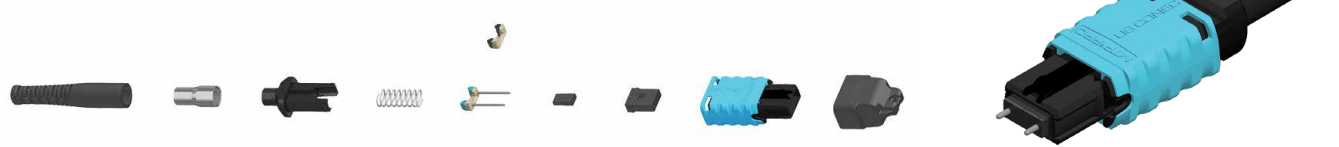
Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18527	18526
Heather Violet	18529	18528
Lime	19523	19522

Ø 3.6mm Short Boot, Controlled, 9.8N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18575	18574
Heather Violet	18577	18576
Lime	19257	19526
Housing Color	Single-Mode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Green	18579	18578

* Ferrules sold separately

MTP® PRO Short Boot | 20N Spring Force
Ø 3.0mm – 3.6mm Nominal Cable OD



Round, 20N Spring Force, MTP® PRO Connector (Exploded View)

Ø 3.0mm Short Boot, Controlled, 20N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18533	18532
Heather Violet	18535	18534
Lime	20983	20982

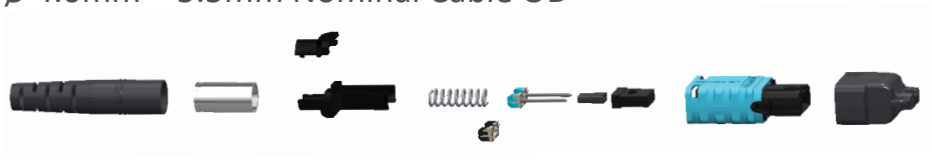
Ø 3.6mm Short Boot, Controlled, 20N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18581	18580
Heather Violet	18583	18582
Lime	20987	20986

Connectors

* Ferrules sold separately

MTP® PRO | 9.8N Spring Force
Ø 4.0mm – 5.5mm Nominal Cable OD



Round, 9.8N Spring Force, MTP® PRO Connector (Exploded View)



Ø 4.0mm, Controlled, 9.8N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18611	18610
Heather Violet	18613	18612
Lime	20949	20948

Ø 4.5mm, Controlled, 9.8N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18635	18634
Heather Violet	18637	18636
Lime	20951	20950

Ø 5.0mm, Controlled, 9.8N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18659	18658
Heather Violet	18661	18660
Lime	20953	20952

Ø 5.5mm, Controlled, 9.8N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18683	18682
Heather Violet	18685	18684
Lime	20955	20954

* Ferrules sold separately

MTP® PRO | 20N Spring Force
Ø 4.0mm – 5.5mm Nominal Cable OD



Round, 20N Spring Force, MTP® PRO Connector (Exploded View)

Ø 4.0mm, Controlled, 20N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18617	18616
Heather Violet	18619	18618
Lime	20957	20956

Ø 4.5mm, Controlled, 20N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18641	18640
Heather Violet	18643	18642
Lime	20959	20958

Ø 5.0mm, Controlled, 20N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18665	18664
Heather Violet	18667	18666
Lime	20961	20960

Ø 5.5mm, Controlled, 20N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18689	18688
Heather Violet	18691	18690
Lime	20963	20962

* Ferrules sold separately

MTP® PRO FLEX | 9.8N Spring Force
Ø 3.0mm – 3.6mm Nominal Cable OD



Ø 3.0mm, Controlled, 9.8N Spring Force, MTP® PRO FLEX

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18539	18538
Heather Violet	18541	18540
Lime	21063	21062

Ø 3.6mm, Controlled, 9.8N Spring Force, MTP® PRO FLEX

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18587	18586
Heather Violet	18589	18588
Lime	21065	21064

MTP® PRO FLEX | 20N Spring Force
Ø 3.0mm – 3.6mm Nominal Cable OD

Ø 3.0mm, Controlled, 20N Spring Force, MTP® PRO FLEX

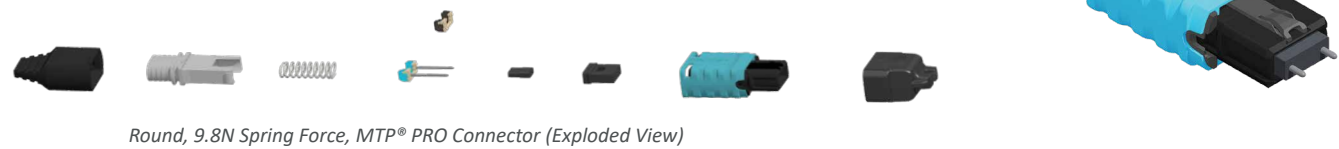
Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18545	18544
Heather Violet	18547	18546
Lime	20993	20992

Ø 3.6mm, Controlled, 20N Spring Force, MTP® PRO FLEX

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18593	18592
Heather Violet	18595	18594
Lime	21003	21002

* Ferrules sold separately

MTP® PRO | 9.8N Spring Force
Bare Ribbon



Bare Ribbon, Controlled, 9.8N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18707	18706
Heather Violet	18709	18708
Lime	21021	21020

Bare Ribbon without Boot, Controlled, 9.8N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	21025	21024
Heather Violet	21027	21026
Lime	21029	21028

MTP® PRO | 20N Spring Force
Bare Ribbon

Bare Ribbon, Controlled, 20N Spring Force, MTP® PRO

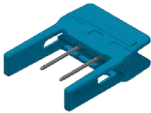
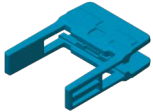
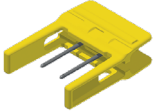
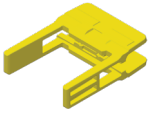
Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	18713	18712
Heather Violet	18715	18714
Lime	21023	21022

Bare Ribbon without Boot, Controlled, 20N Spring Force, MTP® PRO

Housing Color	Multimode MTP Elite®	
	MTP® PRO Kit P/N, Male	MTP® PRO Kit P/N, Female
Aqua	21033	21032
Heather Violet	21035	21034
Lime	21037	21036

* Ferrules sold separately

MTP® PRO X / MTP® PRO Field Tool and Accessories

	Part Number	Description
	18814	MTP® PRO X / MTP® PRO Field Tool
	18842	Pin Exchanger, MTP® PRO X / MTP® PRO, Male, Aqua = 10 pieces/tube
	18256	Pin Exchanger, MTP® PRO X / MTP® PRO, Female, Aqua = 10 pieces/tube
	18843	Pin Exchanger, MTP® PRO X / MTP® PRO, Male - SME, Yellow = 10 pieces/tube
	18841	Pin Exchanger, MTP® PRO X / MTP® PRO, Female - SME, Yellow = 10 pieces/tube

Connectors

MTP® PRO X / MTP® PRO Demonstration Tool Kits

Contents

- | | |
|-------|--|
| 23641 | <ul style="list-style-type: none"> • MTP® PRO X / MTP® PRO Field Tool • Mechanical Sample Jumper, MTP® PRO X, 8-in length • Mechanical Sample Jumper, MTP® PRO, 8-in length |
| 18916 | <ul style="list-style-type: none"> • Cleaner, MPO II • MTP® PRO X / MTP® PRO Field Tool • Mechanical Sample Jumper, MTP® PRO, 8-in length • Pin Exchanger, MTP® PRO X / MTP® PRO, Female, Aqua (10 pieces/tube) • Pin Exchanger, MTP® PRO X / MTP® PRO, Male - SME, Yellow (10 pieces/tube) |



MTP® Connector with DirectConec™ Push-Pull Boot | 9.8N Spring Force Ø 2.0mm – 3.0mm Nominal Cable OD



9.8N Spring Force, MTP® Connector with DirectConec™ Push-Pull Boot (Exploded View)



Ø 2.0mm, Controlled, 9.8N Spring Force, MTP® with DirectConec™ Boot

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	24510	24508	24509	24508
Magenta	24513	24511	24512	24511
Heather Violet	24516	24514	24515	24514
Munsell Violet	24519	24517	24518	24517
Lime	24522	24520	24521	24520
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	24524	24523
Yellow	24526	24525	-	-

Ø 2.5mm, Controlled, 9.8N Spring Force, MTP® with DirectConec™ Boot

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	24556	24554	24555	24554
Magenta	24559	24557	24558	24557
Heather Violet	24562	24560	24561	24560
Munsell Violet	24565	24563	24564	24563
Lime	24568	24566	24567	24566
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	24570	24569
Yellow	24572	24571	-	-

Ø 3.0mm, Controlled, 9.8N Spring Force, MTP® with DirectConec™ Boot

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	24602	24600	24601	24600
Magenta	24605	24603	24604	24603
Heather Violet	24608	24606	24607	24606
Munsell Violet	24611	24609	24610	24609
Lime	24614	24612	24613	24612
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	24616	24615
Yellow	24618	24617	-	-

* Ferrules sold separately

MTP® Connector with DirectConec™ Push-Pull Boot | 20N Spring Force Ø 2.0mm – 3.0mm Nominal Cable OD



20N Spring Force, MTP® Connector with DirectConec™ Push-Pull Boot (Exploded View)



Ø 2.0mm, Controlled, 20N Spring Force, MTP® with DirectConec™ Boot

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	24533	24531	24532	24531
Magenta	24536	24534	24535	24534
Heather Violet	24539	24537	24538	24537
Munsell Violet	24542	24540	24541	24540
Lime	24545	24543	24544	24543
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	24547	24546
Yellow	24549	24548	-	-

Ø 2.5mm, Controlled, 20N Spring Force, MTP® with DirectConec™ Boot

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	24579	24577	24578	24577
Magenta	24582	24580	24581	24580
Heather Violet	24585	24583	24584	24583
Munsell Violet	24588	24586	24587	24586
Lime	24591	24589	24590	24589
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	24593	24592
Yellow	24595	24594	-	-

Ø 3.0mm, Controlled, 20N Spring Force, MTP® with DirectConec™ Boot

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	24625	24623	24624	24623
Magenta	24628	24626	24627	24626
Heather Violet	24631	24629	24630	24629
Munsell Violet	24634	24632	24633	24632
Lime	24637	24635	24636	24635
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	24639	24638
Yellow	24641	24640	-	-

* Ferrules sold separately

MTP® Connector Short Boot | 9.8N Spring Force Ø 2.0mm – 3.6mm Nominal Cable OD



9.8N Spring Force, MTP® Connector with Short Boot (Exploded View)



Ø 2.0mm Short Boot, Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	23163	23161	23162	23161
Magenta	23166	23164	23165	23164
Heather Violet	23169	23167	23168	23167
Munsell Violet	23172	23170	23171	23170
Lime	23175	23173	23174	23173
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	23177	23176
Yellow	23179	23178	-	-

Ø 3.0mm Short Boot, Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20211	20209	20210	20209
Magenta	20214	20212	20213	20212
Heather Violet	20217	20215	20216	20215
Munsell Violet	20220	20218	20219	20218
Lime	20223	20221	20222	20221
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20225	20224
Yellow	20227	20226	-	-

Ø 3.6mm Short Boot, Controlled, 9.8N Spring Force

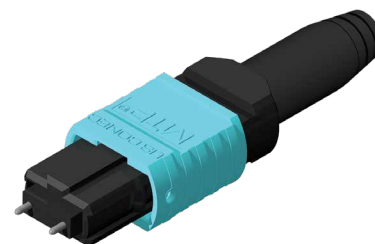
Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20402	20400	20401	20400
Magenta	20405	20403	20404	20403
Heather Violet	20408	20406	20407	20406
Munsell Violet	20411	20409	20410	20409
Lime	20414	20412	20413	20412
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20416	20415
Yellow	20418	20417	-	-

* Ferrules sold separately

MTP® Connector Short Boot | 20N Spring Force Ø 3.0mm – 3.6mm Nominal Cable OD



20N Spring Force, MTP® Connector with Short Boot (Exploded View)



Ø 3.0mm Short Boot, Controlled, 20N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20234	20232	20233	20232
Magenta	20237	20235	20236	20235
Heather Violet	20240	20238	20239	20238
Munsell Violet	20243	20241	20242	20241
Lime	20246	20244	20245	20244
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20248	20247
Yellow	20250	20249	-	-

Ø 3.6mm Short Boot, Controlled, 20N Spring Force

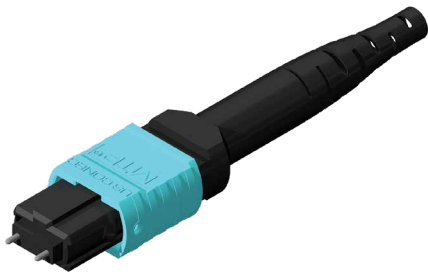
Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20425	20423	20424	20423
Magenta	20428	20426	20427	20426
Heather Violet	20431	20429	20430	20429
Munsell Violet	20434	20432	20433	20432
Lime	20437	20435	20436	20435
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20439	20438
Yellow	20441	20440	-	-

* Ferrules sold separately

MTP® Connector | 9.8N Spring Force
Ø 3.6mm – 5.5mm Nominal Cable OD



Round, 9.8N Spring Force, MTP® Connector (Exploded View)



Ø 3.6mm, Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20356	20354	20355	20354
Magenta	20359	20357	20358	20357
Heather Violet	20362	20360	20361	20360
Munsell Violet	20365	20363	20364	20363
Lime	20368	20366	20367	20366
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20370	20369
Yellow	20372	20371	-	-

Ø 4.0mm, Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20554	20552	20553	20552
Magenta	20557	20555	20556	20555
Heather Violet	20560	20558	20559	20558
Munsell Violet	20563	20561	20562	20561
Lime	20566	20564	20565	20564
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20568	20567
Yellow	20570	20569	-	-

* Ferrules sold separately

Ø 4.5mm, Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20649	20647	20648	20647
Magenta	20652	20650	20651	20650
Heather Violet	20655	20653	20654	20653
Munsell Violet	20658	20656	20657	20656
Lime	20661	20659	20660	20659
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20663	20662
Yellow	20665	20664	-	-

Ø 5.0mm, Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20742	20740	20741	20740
Magenta	20745	20743	20744	20743
Heather Violet	20748	20746	20747	20746
Munsell Violet	20751	20749	20750	20749
Lime	20754	20752	20753	20752
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20756	20755
Yellow	20758	20757	-	-

Ø 5.5mm, Controlled, 9.8N Spring Force

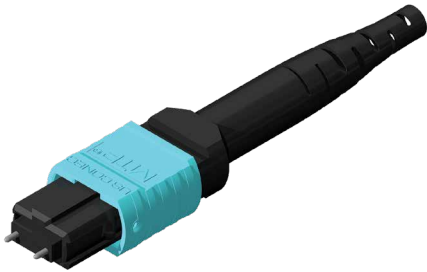
Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20834	20832	20833	20832
Magenta	20837	20835	20836	20835
Heather Violet	20840	20838	20839	20838
Munsell Violet	20843	20841	20842	20841
Lime	20846	20844	20845	20844
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20848	20847
Yellow	20850	20849	-	-

* Ferrules sold separately

MTP® Connector | 20N Spring Force
Ø 3.6mm – 5.5mm Nominal Cable OD



Round, 20N Spring Force, MTP® Connector (Exploded View)



Ø 3.6mm, Controlled, 20N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20379	20377	20378	20377
Magenta	20382	20380	20381	20380
Heather Violet	20385	20383	20384	20383
Munsell Violet	20388	20386	20387	20386
Lime	20391	20389	20390	20389
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20393	20392
Yellow	20395	20394	-	-

Ø 4.0mm, Controlled, 20N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20577	20575	20576	20575
Magenta	20580	20578	20579	20578
Heather Violet	20583	20581	20582	20581
Munsell Violet	20586	20584	20585	20584
Lime	20589	20587	20588	20587
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20591	20590
Yellow	20593	20592	-	-

* Ferrules sold separately

Ø 4.5mm, Controlled, 20N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20672	20670	20671	20670
Magenta	20675	20673	20674	20673
Heather Violet	20678	20676	20677	20676
Munsell Violet	20681	20679	20680	20679
Lime	20684	20682	20683	20682
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20686	20685
Yellow	20688	20687	-	-

Ø 5.0mm, Controlled, 20N Spring Force

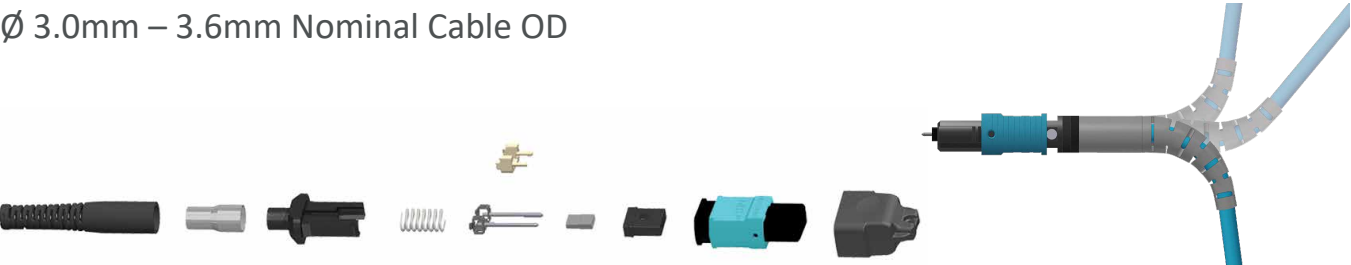
Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20765	20763	20764	20763
Magenta	20768	20766	20767	20766
Heather Violet	20771	20769	20770	20769
Munsell Violet	20774	20772	20773	20772
Lime	20777	20775	20776	20775
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20779	20778
Yellow	20781	20780	-	-

Ø 5.5mm, Controlled, 20N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20857	20855	20856	20855
Magenta	20860	20858	20859	20858
Heather Violet	20863	20861	20862	20861
Munsell Violet	20866	20864	20865	20864
Lime	20869	20867	20868	20867
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20871	20870
Yellow	20873	20872	-	-

* Ferrules sold separately

MTP® FLEX Connector | 9.8N Spring Force
Ø 3.0mm – 3.6mm Nominal Cable OD



Round, 9.8N Spring Force, MTP® FLEX Connector (Exploded View)

Ø 3.0mm, Controlled, 9.8N Spring Force, MTP® FLEX

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20257	20255	20256	20255
Magenta	20260	20258	20259	20258
Heather Violet	20263	20261	20262	20261
Munsell Violet	20266	20264	20265	20264
Lime	20269	20267	20268	20267
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20271	20270
Yellow	20273	20272	-	-

Ø 3.6mm, Controlled, 9.8N Spring Force, MTP® FLEX

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20448	20446	20447	20446
Magenta	20451	20449	20450	20449
Heather Violet	20454	20452	20453	20452
Munsell Violet	20457	20455	20456	20455
Lime	20460	20458	20459	20458
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20462	20461
Yellow	20464	20463	-	-

* Ferrules sold separately

MTP® FLEX Connector | 20N Spring Force Ø 3.0mm – 3.6mm Nominal Cable OD



Round, 20N Spring Force, MTP® FLEX Connector (Exploded View)

Ø 3.0mm, Controlled, 20N Spring Force, MTP® FLEX

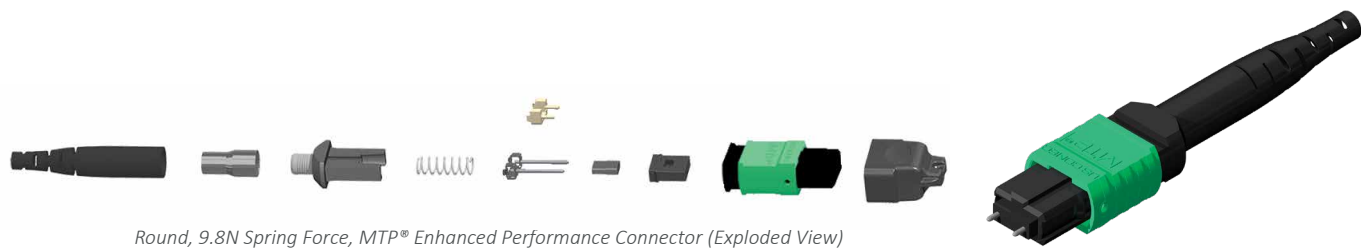
Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20281	20279	20280	20879
Magenta	20284	20282	20283	20282
Heather Violet	20287	20285	20286	20285
Munsell Violet	20290	20288	20289	20288
Lime	20293	20291	20292	20291
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20295	20294
Yellow	20297	20296	-	-

Ø 3.6mm, Controlled, 20N Spring Force, MTP® FLEX

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20471	20469	20470	20469
Magenta	20474	20472	20473	20472
Heather Violet	20477	20475	20476	20475
Munsell Violet	20480	20478	20479	20478
Lime	20483	20481	20482	20481
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20485	20484
Yellow	20487	20486	-	-

* Ferrules sold separately

MTP® Enhanced Performance Connector | 9.8N Spring Force
Ø 3.0mm – 3.6mm Nominal Cable OD



Round, 9.8N Spring Force, MTP® Enhanced Performance Connector (Exploded View)

Connectors

Ø 3.0mm, MTP® Enhanced Performance, 9.8N Spring Force

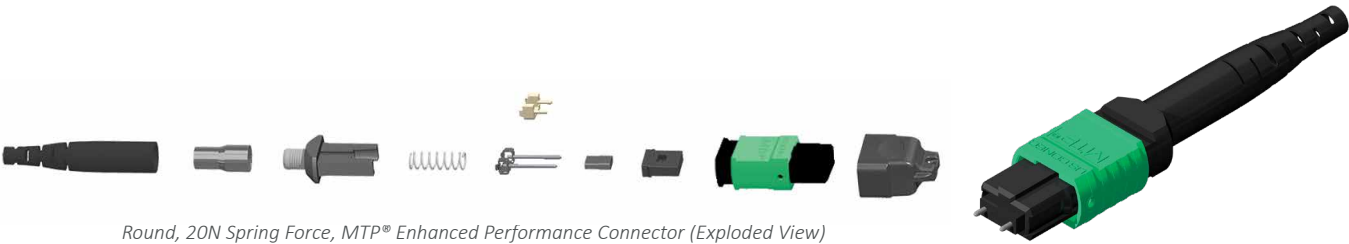
Housing Color	Multimode MTP Elite®			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Aqua	13188		13187	
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	12325	12324	15756	12324

Ø 3.6mm, MTP® Enhanced Performance, 9.8N Spring Force

Housing Color	Multimode MTP Elite®	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	22102	22101
Housing Color	Single-Mode MTP Elite®	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	15852	15851

* Ferrules sold separately

MTP® Enhanced Performance Connector | 20N Spring Force
Ø 3.0mm – 3.6mm Nominal Cable OD



Ø 3.0mm, MTP® Enhanced Performance, 20N Spring Force

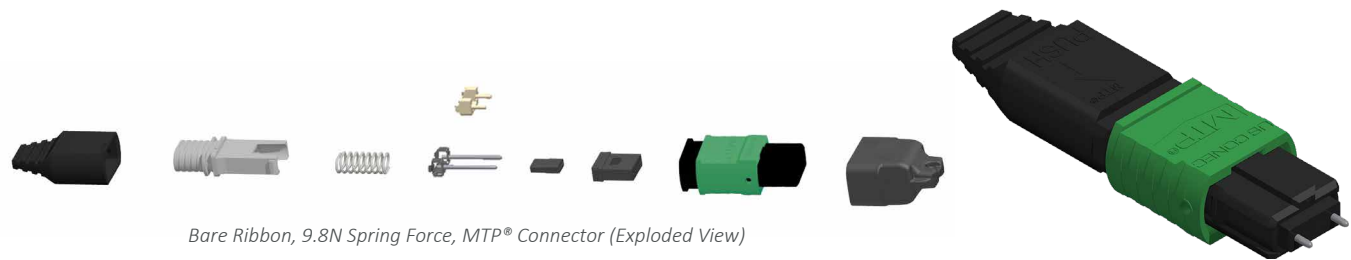
Housing Color	Multimode MTP Elite®	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	15703	15702
Housing Color	Single-Mode MTP Elite®	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	18148	18147

Ø 3.6mm, MTP® Enhanced Performance, 20N Spring Force

Housing Color	Multimode MTP Elite®	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	15705	15704
Housing Color	Single-Mode MTP Elite®	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	18150	18149

* Ferrules sold separately

MTP® Connector | 9.8N Spring Force
Bare Ribbon



Bare Ribbon, 9.8N Spring Force, MTP® Connector (Exploded View)

Bare Ribbon, Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	19981	19979	19980	19979
Magenta	19984	19982	19983	19982
Heather Violet	19987	19985	19986	19985
Munsell Violet	19990	19988	19989	19988
Lime	19993	19991	19992	19991
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	19995	19994
Yellow	19997	19996	-	-



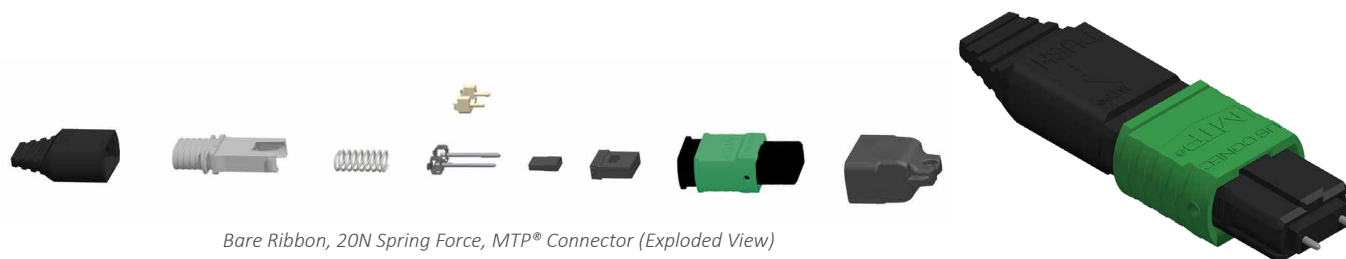
Bare Ribbon without Boot, 9.8N Spring Force, MTP® Connector (Exploded View)

Bare Ribbon without Boot, Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20027	20025	20026	20025
Magenta	-	-	20029	20028
Heather Violet	20030	20028	20032	20031
Munsell Violet	20036	20034	20035	20034
Lime	20039	20037	20038	20037
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20041	20040
Yellow	20043	20042	-	-

* Ferrules sold separately

MTP® Connector | 20N Spring Force Bare Ribbon



Bare Ribbon, 20N Spring Force, MTP® Connector (Exploded View)

Bare Ribbon, Controlled, 20N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20004	20002	20003	20002
Magenta	20007	20005	20006	20005
Heather Violet	20010	20008	20009	20008
Munsell Violet	20013	20011	20012	20011
Lime	20016	20014	20015	20014
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20018	20017
Yellow	20020	20019	-	-

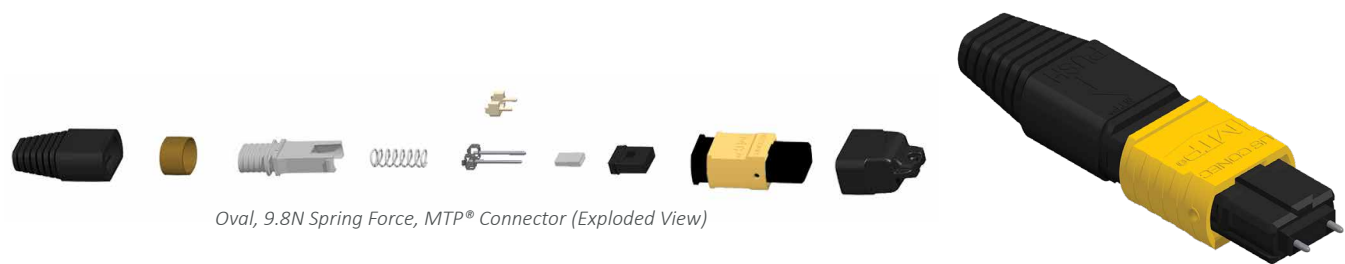


Bare Ribbon without Boot, Controlled, 20N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20050	20048	20049	20048
Magenta	-	-	20052	20051
Heather Violet	20056	20054	20055	20054
Munsell Violet	20059	20057	20058	20057
Lime	20062	20060	20061	20060
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20064	20063
Yellow	20066	20065	-	-

* Ferrules sold separately

MTP® Connector | 9.8N Spring Force
Oval



Oval, 9.8N Spring Force, MTP® Connector (Exploded View)

Oval, Short Boot, Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20073	20071	20072	20071
Magenta	20076	20074	20075	20074
Heather Violet	20079	20077	20078	20077
Munsell Violet	20082	20080	20081	20080
Lime	20085	20083	20084	20083
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20087	20086
Yellow	20089	20088	-	-

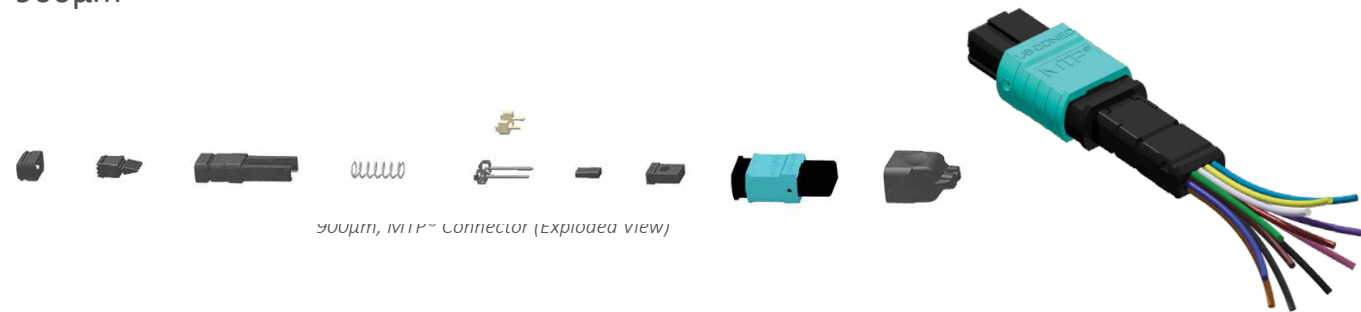
MTP® Connector | 20N Spring Force
Oval

Oval, Short Boot, Controlled, 20N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	20096	20094	20095	20094
Magenta	20099	20097	20098	20097
Heather Violet	20102	20100	20101	20100
Munsell Violet	20105	20103	20104	20103
Lime	20108	20106	20107	20106
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	20110	20109
Yellow	20112	20111	-	-

* Ferrules sold separately

MTP® Connector | 9.8N Spring Force
900µm

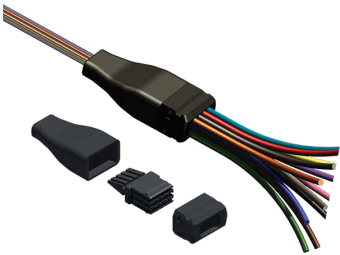


900µm (x12) Controlled, 9.8N Spring Force

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	15322	15321	15320	15321
Magenta	17061	17060	-	-
Lime	19220	19218	19219	19218
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	15313	15316
Yellow	15314	15317	-	-

900µm Breakout Kit

Cable Type/Application	Performance	MTP® Kit P/N
900µm to Ribbon	Multimode/Single-Mode	15323



* Ferrules sold separately

MTP®-16 Connectors

MTP®-16 Connector with DirectConec™ Push-Pull Boot | 20N Spring Force
 Ø 2.0mm – 3.0mm Nominal Cable OD



Round, 20N Spring Force, MTP®-16 Connector with DirectConec™ Push-Pull Boot
 (Exploded View)



Ø 2.0mm, Controlled, 20N Spring Force, MTP®-16 with DirectConec™ Boot

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	24644	24642	24643	24642
Magenta	24647	24645	24646	24645
Munsell Violet	24653	24651	24652	24651
Lime	24650	24648	24649	24648
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	24652	24651
Yellow	24654	24653	-	-

Ø 2.5mm, Controlled, 20N Spring Force, MTP®-16 with DirectConec™ Boot

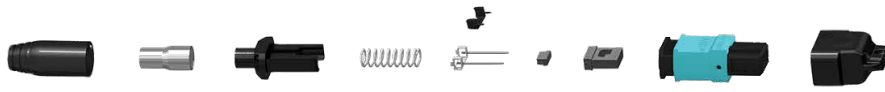
Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	24657	24655	24656	24655
Magenta	24660	24658	24659	24658
Munsell Violet	24666	24664	24665	24664
Lime	24663	24661	24662	24661
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	24665	24664
Yellow	24667	24666	-	-

Ø 3.0mm, Controlled, 20N Spring Force, MTP®-16 with DirectConec™ Boot

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	24670	24668	24669	24668
Magenta	24673	24671	24672	24671
Munsell Violet	24679	24677	24678	24677
Lime	24676	24674	24675	24674
Housing Color	Single-Mode MTP Elite®		Single-Mode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Green	-	-	24678	24677
Yellow	24680	24679	-	-

* Ferrules sold separately

MTP®-16 Connector Short Boot | 20N Spring Force Ø 2.0mm – 3.6mm Nominal Cable OD



Round, 20N Spring Force, MTP®-16 Connector with Short Boot
(Exploded View)



Ø 2.0mm Short Boot, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	23182	23180	23181	23180
Magenta	23185	23183	23184	23183
Lime	23188	23186	23187	23186
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	23190		23189	

Ø 3.0mm Short Boot, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	21176	21174	21175	21174
Magenta	21179	21177	21178	21177
Lime	21182	21180	21181	21180
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	21184		21183	

Ø 3.6mm Short Boot, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	21189	21187	21188	21187
Magenta	21192	21190	21191	21190
Lime	21195	21193	21194	21193
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	21197		21196	

* Ferrules sold separately

MTP®-16 Connectors

MTP®-16 Connector | 20N Spring Force
Ø 3.6mm – 5.5mm Nominal Cable OD



Connectors

Ø 3.6mm, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	16529	16528	18030	16528
Magenta	16531	16530	18031	16530
Lime	19238	19236	19237	19236
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	19404		19403	

Ø 4.0mm, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	17788	17787	18032	17787
Magenta	17790	17789	18033	18089
Lime	19241	19239	19240	19239
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	19406		19405	

* Ferrules sold separately

Ø 4.5mm, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	18009	18008	18034	18008
Magenta	18011	18010	18035	18010
Lime	19244	19242	19243	19242
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	19408		19407	

Ø 5.0mm, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	17689	17688	18036	17688
Magenta	17691	17690	18037	17690
Lime	19247	19245	19246	19245
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	19410		19409	

Ø 5.5mm, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	18013	18012	18038	18012
Magenta	18015	18014	18039	18014
Lime	19249	19248	19249	19248
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	19412		19411	

* Ferrules sold separately

MTP®-16 Connectors

MTP®-16 Connector | 20N Spring Force
Oval

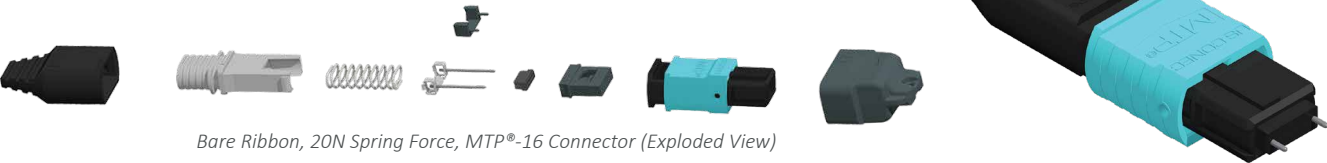


Oval, 20N Spring Force, MTP®-16 Connector (Exploded View)

Oval, Short Boot, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	21053	21051	21052	21051
Magenta	21056	21054	21055	21054
Lime	21059	21057	21058	21057
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	21061		21060	

MTP®-16 Connector | 20N Spring Force
Bare Ribbon



Bare Ribbon, 20N Spring Force, MTP®-16 Connector (Exploded View)

Bare Ribbon, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	17865	17864	18043	17864
Magenta	17867	17866	18044	17866
Lime	19256	19254	19255	19254
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	19414		19413	

Bare Ribbon without Boot, Controlled, 20N Spring Force, MTP®-16

Housing Color	Multimode MTP Elite®		Multimode	
	MTP® Kit P/N, Male	MTP® Kit P/N, Female	MTP® Kit P/N, Male	MTP® Kit P/N, Female
Aqua	21042	21040	21041	21040
Magenta	21045	21043	21044	21043
Lime	21048	21046	21047	21046
Housing Color	Single-Mode			
	MTP® Kit P/N, Male		MTP® Kit P/N, Female	
Green	21050		21049	

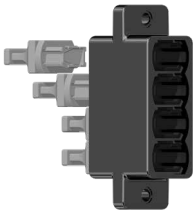
* Ferrules sold separately

MTP® Shuttered Adapters

Flange Type	Key Orientation	Color	Part Number (with 1 dust plug)
	Opposed	Aqua	23644
	Opposed	Black	24484
	Opposed	Green	24490
	Opposed	Heather Violet	24487
	Opposed	Grey	23645
	Aligned	Black	24484

MTP® Specialty Adapters | Ganged

Type	Flange Type	Key Orientation Color	Color	Part Number
Ganged	Ganged 1 x 4 Straight	Opposed	Black	9578
	Ganged 1 x 6 Straight	Opposed	Black	12697
	Ganged 2 x 8 Straight	Opposed	Black	12698
	Ganged 1 x 2 Angled	Opposed	Black	12278
	Ganged 1 x 4 Angled	Opposed	Black	9299



Ganged 1x4 Straight Adapter



Ganged 1x6 Straight Adapter



Ganged 2x8 Straight Adapter

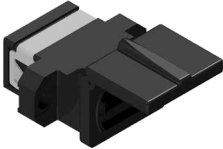


Ganged 1x2 Angled Adapter

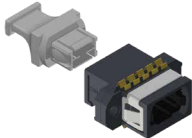


Ganged 1x4 Angled Adapter

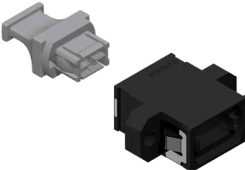
MTP® Specialty Adapters | Shuttered

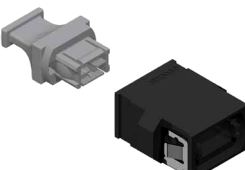
Flange Type	Key Orientation	Color	Part Number
	Opposed	Black	8835
	Opposed	Aqua	12431
	Opposed	Magenta	15333
	Aligned	Gray	9518

MTP® Specialty Adapters | EMI

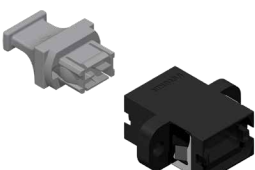
Type	Flange Type	Key Orientation	Color	Part Number
	Full Flange	Opposed	Silver	5702
	Reduced Flange	Opposed	Silver	6156

MTP® Adapters | Standard Footprint

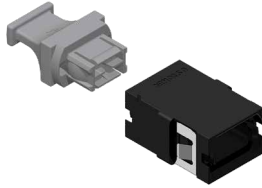
Flange Type	Key Orientation	Color	Part Number (with 1 dust plug)	Part Number (with 2 dust plugs)
Full Flange 	Opposed	Black	MTP-ADPT	MTP-ADPT-2
	Opposed	Beige	6496	9220
	Opposed	Green	7868	8852
	Opposed	Aqua	7869	9218
	Opposed	Blue	6531	9135
	Opposed	Red	17872	17873
	Opposed	Magenta	13770	13771
	Opposed	Yellow	17852	17853
	Opposed	Heather Violet	16697	16698
	Opposed	Munsell Violet	16772	16773
	Opposed	Lime	19451	19452
	Opposed	White	19925	19926
	Aligned	Gray	5306	12196

Flange Type	Key Orientation	Color	Part Number (with 1 dust plug)	Part Number (with 2 dust plugs)
Reduced Flange 	Opposed	Black	MTP-RF-ADPT	12075
	Opposed	Beige	12197	12202
	Opposed	Green	12198	12203
	Opposed	Aqua	9574	12204
	Opposed	Blue	12200	12205
	Opposed	Red	17874	17875
	Opposed	Magenta	13850	13851
	Opposed	Yellow	17854	17855
	Opposed	Heather Violet	16701	16703
	Opposed	Munsell Violet	16775	16776
	Opposed	Lime	19453	19454
	Opposed	White	19927	19928
	Aligned	Gray	12035	12206

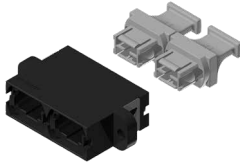
MTP® Adapters | SC Footprint | Full Flange

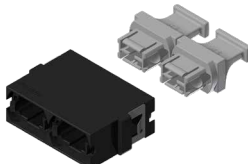
Flange Type	Key Orientation	Color	Part Number (with 1 dust plug)	Part Number (with 2 dust plugs)
Full Flange 	Opposed	Black	12036	12216
	Opposed	Beige	12212	12217
	Opposed	Green	12213	12218
	Opposed	Aqua	12214	12219
	Opposed	Blue	12215	12220
	Opposed	Red	17876	17877
	Opposed	Magenta	13772	13773
	Opposed	Yellow	17856	17857
	Opposed	Heather Violet	16706	16707
	Opposed	Munsell Violet	16779	16780
	Opposed	Lime	19457	19458
	Opposed	White	19929	19930
	Aligned	Gray	12037	12221

MTP® Adapters | SC Footprint | Reduced Flange

Flange Type	Key Orientation	Color	Part Number (with 1 dust plug)	Part Number (with 2 dust plugs)
 Reduced Flange	Opposed	Black	12041	12226
	Opposed	Beige	12222	12227
	Opposed	Green	12223	12228
	Opposed	Aqua	12224	12229
	Opposed	Blue	12225	12230
	Opposed	Red	17878	17879
	Opposed	Magenta	13852	13853
	Opposed	Yellow	17858	17859
	Opposed	Heather Violet	16709	16710
	Opposed	Munsell Violet	16782	16783
	Opposed	Lime	19459	19460
	Opposed	White	19931	19932
	Aligned	Gray	12042	12231

MTP® Adapters | SC Duplex Footprint

Flange Type	Key Orientation	Color	Part Number (with 2 dust plugs)	Part Number (with 4 dust plugs)
 Full Flange	Opposed	Black	14974	14992
	Opposed	Beige	14975	14993
	Opposed	Green	14977	14994
	Opposed	Aqua	14978	14995
	Opposed	Blue	14979	14996
	Opposed	Red	14981	14998
	Opposed	Magenta	14982	15000
	Opposed	Yellow	16495	16496
	Opposed	Heather Violet	16712	16713
	Opposed	Munsell Violet	16785	16786
	Opposed	Lime	19646	19647
	Opposed	White	19933	19934
	Aligned	Gray	14980	14997

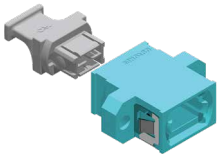
Flange Type	Key Orientation	Color	Part Number (with 2 dust plugs)	Part Number (with 4 dust plugs)
 Reduced Flange	Opposed	Black	14983	15001
	Opposed	Beige	14984	15002
	Opposed	Green	14985	15003
	Opposed	Aqua	14986	15004
	Opposed	Blue	14987	15005
	Opposed	Red	14989	15007
	Opposed	Magenta	14990	15008
	Opposed	Yellow	16497	16498
	Opposed	Heather Violet	16715	16716
	Opposed	Munsell Violet	16788	16789
	Opposed	Lime	19648	19649
	Opposed	White	19935	19936
	Aligned	Gray	14988	15006

*Opposed: Key Option 1, TIA 604-5D

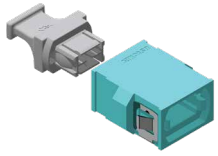
*Aligned: Key Option 2, TIA 604-5D

MTP®-16 Bulkhead Adapters

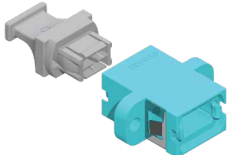
MTP®-16 Adapters | Standard Footprint | Full Flange

Flange Type	Key Orientation	Color	Part Number (with 1 dust plug)	Part Number (with 2 dust plugs)
Full Flange 	Opposed	Black	17717	17718
	Opposed	Aqua	17719	17720
	Opposed	Magenta	17723	17724
	Opposed	Green	21266	21267
	Opposed	Heather Violet	21268	21269
	Opposed	Lime	21325	21326
	Aligned	Gray	17721	17722

MTP®-16 Adapters | Standard Footprint | Reduced Flange

Flange Type	Key Orientation	Color	Part Number (with 1 dust plug)	Part Number (with 2 dust plugs)
Reduced Flange 	Opposed	Black	17725	17726
	Opposed	Aqua	17727	17728
	Opposed	Magenta	17731	17732
	Opposed	Green	21262	21263
	Opposed	Heather Violet	21264	21265
	Opposed	Lime	21323	21324
	Aligned	Gray	17729	17730

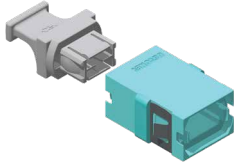
MTP®-16 Adapters | SC Footprint | Full Flange

Flange Type	Key Orientation	Color	Part Number (with 1 dust plug)	Part Number (with 2 dust plugs)
Full Flange 	Opposed	Black	16920	16921
	Opposed	Aqua	17137	17138
	Opposed	Magenta	17141	17142
	Opposed	Green	21258	21259
	Opposed	Heather Violet	21260	21261
	Opposed	Lime	21321	21322
	Aligned	Gray	16922	16923

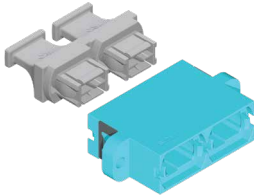
*Opposed: Key Option 1, TIA 604-5D

*Aligned: Key Option 2, TIA 604-5D

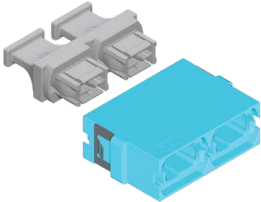
MTP®-16 Adapters | SC Footprint | Reduced Flange

Flange Type	Key Orientation	Color	Part Number (with 1 dust plug)	Part Number (with 2 dust plugs)
	Opposed	Black	16926	16927
	Opposed	Aqua	17139	17140
	Opposed	Magenta	17143	17144
	Opposed	Green	21254	21255
	Opposed	Heather Violet	21256	21257
	Opposed	Lime	21318	21319
	Aligned	Gray	16928	16929

MTP®-16 Adapters | SC Duplex Footprint | Full Flange

Flange Type	Key Orientation	Color	Part Number (with 2 dust plugs)	Part Number (with 4 dust plugs)
	Opposed	Black	21681	21682
	Opposed	Aqua	21683	21684
	Opposed	Magenta	21689	21690
	Opposed	Green	21685	21686
	Opposed	Heather Violet	21691	21692
	Opposed	Lime	21695	21696
	Opposed	Yellow	21687	21688
	Opposed	Munsell Violet	21693	21694
	Opposed	White	22216	22217
	Aligned	Gray	21697	21698

MTP®-16 Adapters | SC Duplex Footprint | Reduced Flange

Flange Type	Key Orientation	Color	Part Number (with 2 dust plugs)	Part Number (with 4 dust plugs)
	Opposed	Black	21663	21664
	Opposed	Aqua	21665	21666
	Opposed	Magenta	21671	21672
	Opposed	Green	21667	21668
	Opposed	Heather Violet	21673	21674
	Opposed	Lime	21677	21678
	Opposed	Yellow	21669	21670
	Opposed	Munsell Violet	21675	21676
	Opposed	White	21679	21680
	Aligned	Gray	22214	22215

*Opposed: Key Option 1, TIA 604-5D

*Aligned: Key Option 2, TIA 604-5D

MTP® Push-Pull Tabs

The Push-Pull Tabs greatly simplify the use of MPO connectivity when manual access to the release slider and rear portion of the connector is restricted. This novel accessory for the expanding MTP® brand product family enables easy insertion and extraction of MTP® brand plugs in dense applications by providing a flexible extension tab which can be used to extract as well as insert the plug into the adapter port.

The MTP® brand Push-Pull Tab is compatible with all round MTP® brand connector hardware versions including the 3.0mm - 5.5mm round MTP® connector hardware. It can be installed in the factory or in the field after cable assemblies are produced.

	Part Number	Description
	16654	MTP® Brand Push-Pull Tab

MTP® Loopback Casings

The MTP® Loopback Casing utilizes the novel MTP® Push-Pull Tab mechanism to provide for a simple, elegant method to encapsulate optical fibers in loopback test assemblies. The interaction of this accessory with standard US Conec MTP® connector hardware greatly simplifies use of the loopback assembly by eliminating the need to manually access the release slider during extraction from an MTP® port.

	Part Number	Description
	13357	Push-Pull Cover, Loopback MTP®

MT Ferrule Dust Caps

The US Conec MT ferrule caps are designed from a dissipative, non-outgassing, engineering thermoplastic. The unique geometry of the MT ferrule cap provides for a non-debris generating true dust seal around the endface on male or female MT Ferrules. The cap can be used on a stand-alone ferrule assembly or in conjunction with US Conec MTP® brand connector hardware.

	Part Number	Description
	21577	Ferrule cap, MT, MT-16, and PMT ferrules, Grey
	21578	Ferrule cap, MT, MT-16, and PMT ferrules, Red
	7721	Dust Cap, MTP®/MT Ferrule
	17242	Dust Cap, MTP®

Dust Plugs

The US Conec MTP® dust plugs are designed from a dissipative, non-outgassing, engineering thermoplastic. The ‘permanent’, which can be inserted into unused adapter ports, the low-profile latching, and the adapter dust plugs are compatible with any MPO compliant adapters and are optimized for the Secure Keyed MTP® Adapter product.

	Part Number	Description
	9817	Dust Plug, MTP®, Adapter

MTP® FLEX Boots

A bendable strain-relief boot, featuring a tight bend radius to support cable routing in highly dense areas. The advanced design offers flexible positioning from 0° to 90°, enduring multiple bends with minimal impact on performance. Where access to optical front panels may be a challenge, the MTP® FLEX boot enables ease of access and installation with the capability to maneuver fiber cable in any direction.

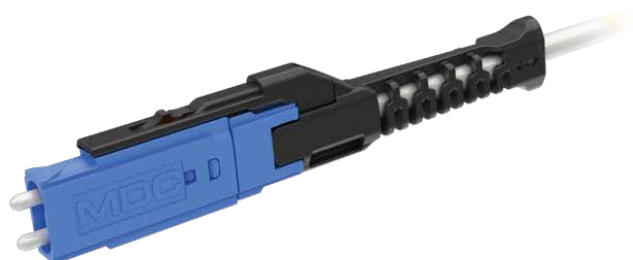
	Part Number	Description
	15960	3.0mm Round MTP® FLEX Boot
	17065	3.6mm Round MTP® FLEX Boot

ELiMENT® MDC Connector

US Conec's ELiMENT® MDC connector is a Very Small Form Factor (VSFF) duplex optical connector designed for termination of single-mode and multimode fiber cables up to 2.0mm in diameter. The MDC connector is designed with DirectConec™ push-pull boot technology to enable easy connector insertion and extraction, even in the densest cabling environments.

Features:

- Two 1.25mm ferrules in one connector housing
- DirectConec™ push-pull boot for easy connector insertion and extraction
- Simple polarity reversal with no exposed fibers
- Meets IEC Grade B insertion loss requirements
- Telcordia GR-326 and TIA-568 compliant
- Designed for cables up to 2.0mm OD
- MM, SM and SM APC available
- 3x fiber cabling density over LC



ELiMENT® MDC Connector with DirectConec™ Boot

Performance	Housing Color	Part Number
Multimode	Aqua	22084
	Heather Violet	22236
	Lime	22237
Single-Mode	Blue	22082
Single-Mode APC	Green	22083

ELiMENT® MDC Jr. Connector

Performance	Housing Color	Part Number
Multimode	Aqua	22087
	Heather Violet	22239
	Lime	22240
Single-Mode	Blue	22085
Single-Mode APC	Green	22086

ELiMENT® MDC Connector Tools

Part Number	Description
21708	Crimp Die
22322	Crimp Die Guide
25046	Kit, Crimp Die & Crimp Die Guide
21299	Curing Clip
22675	Ferrule Rotation Tool
22127	MDC Jr Removal Tool

ELiMENT® MDC 2-Port Adapters

Flange Type	Key Orientation	Color	Mating Connectors (Front/Back)	Part Number (w/0 dust plugs)	Part Number (w/2 dust plugs)	Part Number (w/4 dust plugs)
	Aligned	Aqua	MDC/MDC	26196	26207	26218
	Aligned	Heather Violet	MDC/MDC	26197	26208	26219
	Aligned	Lime	MDC/MDC	26198	26209	26220
	Aligned	Blue	MDC/MDC	26194	26205	26216
	Aligned	Green	MDC/MDC	26195	26206	26217

ELiMENT® MDC 3-Port Adapters

Flange Type	Key Orientation	Color	Mating Connectors (Front/Back)	Part Number (with 0 dust plugs)	Part Number (with 3 dust plugs)
	Aligned	Aqua	MDC/MDC Jr.	21880	21873
	Aligned	Heather Violet	MDC/MDC Jr.	21882	21875
	Aligned	Lime	MDC/MDC Jr.	21881	21874
	Aligned	Blue	MDC/MDC Jr.	21878	21871
	Aligned	Green	MDC/MDC Jr.	21879	21872

ELiMENT® MDC 4-Port Adapters

Flange Type	Key Orientation	Color	Mating Connectors (Front/Back)	Part Number (with 0 dust plugs)	Part Number (with 4 dust plugs)
	Aligned	Aqua	MDC/MDC Jr.	22851	22857
	Aligned	Heather Violet	MDC/MDC Jr.	22852	22858
	Aligned	Lime	MDC/MDC Jr.	22853	22859
	Aligned	Blue	MDC/MDC Jr.	22849	22855
	Aligned	Green	MDC/MDC Jr.	22850	22856

Flange Type	Key Orientation	Color	Mating Connectors (Front/Back)	Part Number (with 0 dust plugs)	Part Number (with 4 dust plugs)
 	Aligned	Aqua	MDC/MDC	23559	23570
	Aligned	Heather Violet	MDC/MDC	23560	23571
	Aligned	Lime	MDC/MDC	23561	23572
	Aligned	Blue	MDC/MDC	23557	23568
	Aligned	Green	MDC/MDC	23558	23569
	Opposed	Aqua	MDC/MDC	23592	23603
	Opposed	Heather Violet	MDC/MDC	23593	23604
	Opposed	Lime	MDC/MDC	23594	23605
	Opposed	Blue	MDC/MDC	23590	23601
	Opposed	Green	MDC/MDC	23591	23602

*Other configurations are available. Please contact US Conec Customer Service for ordering information.

ELiMENT® Duplex LC Uniboot Connector with DirectConec™ Push-Pull Boot

US Conec's ELiMENT® Duplex LC Uniboot Connector with DirectConec™ Push-Pull Boot is a high-performance LC connector that’s easier to use and works in more challenging applications than any other Uniboot on the market. Its patented design allows for quick and easy polarity reversal without tools and without exposing fibers. The low-profile housing allows the connector to be installed into vertically stacked LC adapters and belly-to-belly transceiver applications. The DirectConec™ push-pull boot allows for straightforward extraction from fully-loaded, high-density panels and transceivers with cumbersome pull-tabs.

Features:

- Easy insertion & extraction from transceivers
- Change polarity without tools or exposing fibers
- Low-profile design and DirectConec™ push-pull boot for high-density applications
- Exceeds GR-326-CORE & TIA-568 requirements
- Meets IEC Grade B attenuation requirements
- Supports 2.0mm and 3.0mm cable sizes for SM and MM applications
- Both PC and APC versions can be polished at a connector level
- Available assembly tools to increase output and first-pass yield



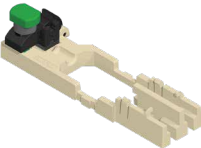
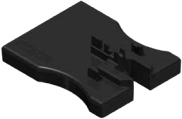
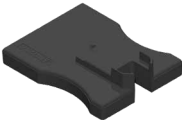
Ø 1.6 – 2.0mm ELiMENT® Duplex LC Uniboot with DirectConec™ Boot

Performance	LC Plug Color	Housing Color	Heatshrink Color	Boot Color	Part Number
Single-Mode	Blue	Blue	Yellow	Black	25928
	Blue	Blue	White	Black	25930
Single-Mode APC	Green	Green	Yellow	Black	25931
	Green	Green	White	Black	25932
Multimode	Black	Aqua	Yellow	Black	25933
	Black	Aqua	White	Black	25934
	Black	Heather Violet	Yellow	Black	25935
	Black	Heather Violet	White	Black	25936
	Black	Lime	Yellow	Black	25937
	Black	Lime	White	Black	25938

Ø 3.0mm ELiMENT® Duplex LC Uniboot with DirectConec™ Boot

Performance	LC Plug Color	Housing Color	Boot Color	Part Number
Single-Mode	Blue	Blue	Black	25945
Single-Mode APC	Green	Green	Black	25947
Multimode	Black	Aqua	Black	25949
	Black	Heather Violet	Black	25951
	Black	Lime	Black	25953

ELiMENT® Duplex LC Uniboot Installation Tools

	Part Number	Description
	19604	LC Uniboot Curing Fixture
	19448	LC Uniboot Gear Installation Tool
	19629	LC Uniboot Body Alignment Tool
	18354	Crimp Die
	18356	Crimp Tool & Die

**Other configurations including standard boot and push-pull tabs are available. Please contact US Conec Customer Service for ordering information.*

ELiMENT® Standard Duplex LC Uniboot

US Conec’s Standard Duplex LC Uniboot offers the same optical and mechanical performance as our DirectConec™ LC Uniboot but utilizes a traditional thumb latch. It offers two ferrule pitch—options standard 6.25mm and “mini” 5.25mm pitch. US Conec offers multiple boot length and color options, including a FLEX boot that can be positioned from 0° to 90° in any direction.



Features:

- Large, singular thumb latch disengages both plugs for quick extraction
- Available in standard 6.25mm and “mini” 5.25mm pitch variants
- Available with standard, short, and position-retaining FLEX boot
- Exceeds GR-326-CORE & TIA-568 requirements
- Meets IEC Grade B attenuation requirements
- Supports 2.0mm and 3.0mm cable sizes fo SM and MM applications
- PC and APC version can be polished at ferrule, plug, or duplex connector level
- Quick & easy tool-less assembly
- Other boot and heat shrink colors available

1.6-2.0mm ELiMENT Duplex Uniboot - Mini 5.25 Ferrule Pitch

Performance	LC Plug Color	Housing Color	Heatshrink Color	Boot Color	Boot Type	Part Number
Single-Mode	Blue	Yellow	Yellow	Black	Short	26128
Single Mode Elite	Blue	Yellow	Yellow	Black	Short	25452

1.6-2.0mm ELiMENT Duplex Uniboot - Standard 6.25mm Ferrule Pitch

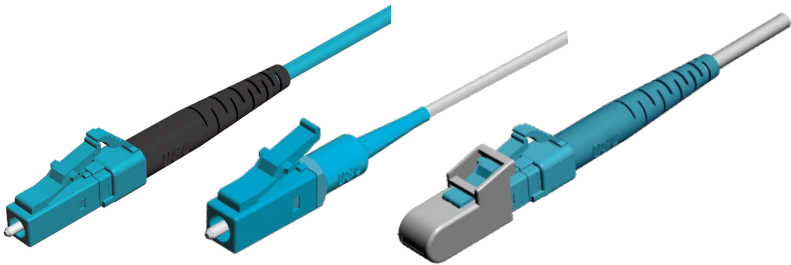
Performance	LC Plug Color	Housing Color	Heatshrink Color	Boot Color	Boot Type	Part Number
Multimode	Black	Aqua	White	Black	Short	26131
	Black	Heather Violet	White	Black	Short	26132
	Black	Lime	White	Black	Short	26133
	Black	Aqua	White	Black	Standard	26134
	Black	Heather Violet	White	Black	Standard	26135
	Black	Lime	White	Black	Standard	26136
	Black	Aqua	White	White	Flex	26137
	Black	Heather Violet	White	White	Flex	26139
	Black	Lime	White	White	Flex	26140
Single-Mode	Blue	Blue	Yellow	Black	Short	26142
	Blue	Blue	Yellow	Black	Standard	26145
	Blue	Blue	Yellow	White	Flex	26148
Single-Mode Elite	Blue	Blue	Yellow	Black	Short	25454
	Blue	Blue	Yellow	Black	Standard	25457
	Blue	Blue	Yellow	White	Flex	26141
Single-Mode APC	Green	Green	Yellow	Black	Short	26149
	Green	Green	Yellow	Black	Standard	26152
	Green	Green	Yellow	White	Flex	26155
Single-Mode APC Elite	Green	Green	Yellow	Black	Short	25461
	Green	Green	Yellow	Black	Standard	25464
	Green	Green	Yellow	White	Flex	25468

ELiMENT® LC Connectors

US Conec offers a high performance single fiber LC connector that exceeds GR 326-CORE, Issue 4 requirements. US Conec LC ferrules have a flat end face and are fully compliant to TIA/EIA-604-10B, IEC 61754-20, RoHS2, and REACH 169 directives.

Features:

- MM, SM, and APC
- 900µm and 2.0mm cable boots
- One-piece tunable connector body
- Yellow and White heat shrink available
- Meets IEC Attenuation Grade B random mating requirements (0.12 dB mean, 0.25 dB maximum for ≥ 97% of the connectors)



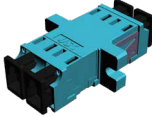
900µm ELiMENT® LC Connector

Performance	Housing Color	Boot Color	Part Number
Multimode	Aqua	Black	17223
	Aqua	Aqua	17306
	Heather Violet	Black	17969
Single-Mode	Blue	Black	17225
	Blue	Blue	17302
	Blue	White	17303
Single-Mode APC	Green	Black	17227
	Green	Green	17308

Ø 2.0mm ELiMENT® LC Connector

Performance	Housing Color	Heatshrink Color	Boot Color	Part Number
Multimode	Aqua	White	Black	17224
	Aqua	White	Aqua	17307
	Aqua	Yellow	Black	17405
	Aqua	Yellow	Aqua	17406
	Heather Violet	White	Black	17970
	Heather Violet	Yellow	Black	17971
Single-Mode	Blue	White	Black	17226
	Blue	White	Blue	17304
	Blue	White	White	17305
	Blue	Yellow	Black	17402
	Blue	Yellow	Blue	17403
	Blue	Yellow	White	17404
Single-Mode APC	Green	White	Black	17228
	Green	White	Green	17309
	Green	Yellow	Black	17407
	Green	Yellow	Green	17408

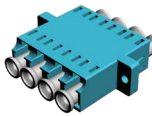
ELiMENT® LC Adapters | Duplex | Full Flange

Flange Type	Color	Part Number
	Aqua	18241
	Blue	17336
	Green	17253
	Heather Violet	17926

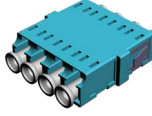
ELiMENT® LC Adapters | Duplex | Reduced Flange

Flange Type	Color	Part Number
	Aqua	18242
	Blue	18260
	Green	18261
	Heather Violet	17924

ELiMENT® LC Adapters | Quad | Full Flange

Flange Type	Color	Part Number
	Aqua	17929
	Blue	17927
	Green	17928
	Heather Violet	17930

ELiMENT® LC Adapters | Quad | Reduced Flange

Flange Type	Color	Part Number
	Aqua	17933
	Blue	17931
	Green	17932
	Heather Violet	17934

ELiMENT® LC Tools & Accessories

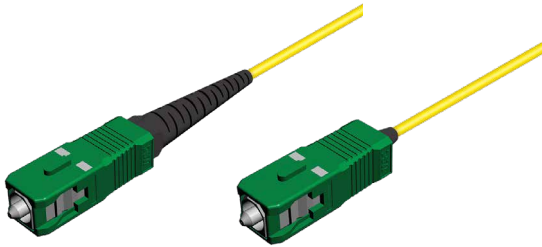
Part Number	Description
18354	Crimp Die
18356	Crimp Tool & Die
18900	LC Duplex Clip

ELiMENT® SC Connectors

US Conec offers a one-piece SC connector that exceeds GR 326-CORE, Issue 4 requirements. US Conec single-mode and multi-mode 2.5mm diameter ferrules have a pre-radiused end face, meet TIA/EIA-604-3B and IEC 61754-4, and are compliant with RoHS2 and REACH 169 directives.

Features:

- MM, SM, and APC
- 900µm, 2mm, and 3mm cable boots
- One-piece tunable connector body
- Meets IEC Grade B insertion loss requirements (0.12 dB mean, 0.25 dB maximum for ≥ 97% of the connectors)



900µm ELiMENT® SC Connector

Performance	Housing Color	Boot Color	Part Number
Multimode	Aqua	Black	17257
	Aqua	Aqua	17361
	Heather Violet	Black	17975
Single-Mode	Blue	Black	17263
	Blue	Blue	17355
	Blue	White	17356
Single-Mode APC	Green	Black	17266
	Green	Green	17364

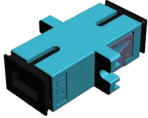
Ø 2.0mm ELiMENT® SC Connector

Performance	Housing Color	Boot Color	Part Number
Multimode	Aqua	Black	17258
	Aqua	Aqua	17362
	Heather Violet	Black	17976
Single-Mode	Blue	Black	17264
	Blue	Blue	17357
	Blue	White	17358
Single-Mode APC	Green	Black	17267
	Green	Green	17365

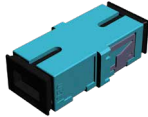
Ø 3.0mm ELiMENT® SC Connector

Performance	Housing Color	Boot Color	Part Number
Multimode	Aqua	Black	17259
	Aqua	Aqua	17363
	Heather Violet	Black	17977
Single-Mode	Blue	Black	17265
	Blue	Blue	17359
	Blue	White	17360
Single-Mode APC	Green	Black	17268
	Green	Green	17366

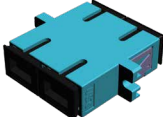
ELiMENT® SC Adapters | Simplex | Full Flange

Flange Type	Color	Part Number
	Aqua	18262
	Blue	17254
	Green	17337
	Heather Violet	17936

ELiMENT® SC Adapters | Simplex | Reduced Flange

Flange Type	Color	Part Number
	Aqua	17923
	Blue	17252
	Green	17335
	Heather Violet	17925

ELiMENT® SC Adapters | Duplex | Full Flange

Flange Type	Color	Part Number
	Aqua	18263
	Blue	17338
	Green	17339
	Heather Violet	17938

ELiMENT® SC Adapters | Duplex | Reduced Flange

Flange Type	Color	Part Number
	Aqua	18264
	Blue	17437
	Green	17438
	Heather Violet	17940

ELiMENT® SC Connector Tools

Part Number	Description
18355	Crimp Die
18357	Crimp Tool & Die

HEC-DC Hardened Connector Solutions Overview

US Conec is entering the hardened fiber optic connector (HFOC) space with the revolutionary, small-form-factor HEC-DC connector family. Combining DirectConec™ push-pull simplicity, GR- and IEC-compliant reliability, and available MT Elite® Ferrule performance, the HEC-DC portfolio is a versatile, IP68-rated connector solution enabling high density and high performance for a variety of applications.

The HEC's 20mm adapter diameter allows for much tighter adapter spacing than traditional HFOC's, enabling smaller closures, wall boxes, and terminals. The DirectConec™ boot and blind-mate alignment features allow users to quickly install the connector even with gloves on and without the use of tools, bayonet mechanism, or threaded housing. The connector securely locks in place with an audible click and removes easily with a simple twist and pull of the boot. The HEC-DC is available in Simplex SC, Duplex LC and 12F MTP® formats.

Features

- Blind-mate ferrule protection features prevent damage & contamination
- DirectConec™ push-pull boot mechanism provides audible click during installation
- Simple twist-boot-and-pull removal
- Class-leading 20mm adapter OD allows tight connector spacing
- IP68-rated and compliant with GR-3120, GR-3152, and IEC 61753-1 OP+ Category A, G, S
- Withstands 450N/100lbf pull force
- SC/APC, SC/UPC, duplex LC/UPC, and 12F MTP variants
- Single mode and multimode
- Dust cap tether can be used to lock housing, preventing unwanted removal
- Available with SM MTP® Elite ferrules
- Supports termination on round and flat drop cables



Applications

- Telecom
- Oil & Gas
- Broadcast
- Military
- Industrial
- Wind
- Railway



Backwards Compatibility

Utilizing US Conec's hybrid bulkhead adapters, the HEC-DC connector family intermates with the industry standard connectors utilized in your closures, wall boxes, and terminals.

- HEC-DC MTP® connectors are compatible with industry standard MPO connectors
- HEC-DC LC connectors are compatible with industry standard simplex & duplex LC connectors
- HEC-DC SC connectors are compatible with industry standard SC connectors

HEC-DC Adapter Options

US Conec offers both bulkhead and inline adapters for the HEC-DC connector line. Bulkhead adapters allow the HEC-DC to be mated with traditional SC, duplex LC, and MPO connectors. Inline adapters allow HEC-DCs to be mated to another HEC-DC.

	Part Number	Adapter Type	Color	Dust Cap	Fibers	Performance	Connector Style
	25358	Bulkhead/ Hybrid	Black	Yes - Both sides	1F	SM & MM	HEC-DC SC
	25357	Bulkhead/ Hybrid	Black	Yes - Both sides	2F	SM & MM	HEC-DC LC
	25359	Bulkhead/ Hybrid	Black	Yes - Both sides	8F/12F/24F	SM & MM	HEC-DC MTP
	25688	Inline	Black	Yes - Both sides	1F	SM & MM	HEC-DC SC
	25687	Inline	Black	Yes - Both sides	2F	SM & MM	HEC-DC LC
	25689	Inline	Black	Yes - Both sides	8F/12F/24F	SM & MM	HEC-DC MTP

HEC-DC Connectors

HEC-DC Connectors with DirectConec™ Push-Pull Boot



Ø 4.0mm-6.5mm Round, HEC-DC SC Connector

Housing	Singlemode APC P/N	Singlemode P/N	Multimode P/N
Black	25376	25377	25378



Ø 4.0mm-6.5mm Round, HEC-DC Duplex LC Connector

Housing	Singlemode P/N	Multimode P/N
Black	25374	25375



Ø 4.0mm-6.5mm Round, HEC-DC MTP® Connector

Housing	Multimode MTP Elite®		Multimode	
	Kit P/N, Male	Kit P/N, Female	Kit P/N, Male	Kit P/N, Female
Black	25381	25382	25416	25415
Housing	Single-Mode MTP Elite®		Single-Mode	
	Kit P/N, Male	Kit P/N, Female	Kit P/N, Male	Kit P/N, Female
Black	25379	25380	25414	25413

HEC-DC Closures

Ask your US Conec Sales representative about closures that are pre-engineered for the HEC-DC connector line.



Connectors

HEC-DC Connector Tools & Accessories

Part Number	Description
25417	HEC-DC Dust Cap & Tether (Universal)
25418	HEC-DC Crimp Die (4 - 6.5mm Round)
25419	HEC-DC Assembly Tool - SC
25420	HEC-DC Assembly Tool - LC
25421	HEC-DC Assembly Tool - MTP®

HEC-TAP Hardened Connector Solutions Overview

US Conec’s HEC-TAP connector is an OptiTap®-compatible outside-plant connector solution that enables users to access and expand the vast installed base of this proven SC-based design. The connector utilizes a threaded coupling mechanism, rugged ferrule protection features, and a robust housing and boot that are proven to meet the challenging requirements of Telcordia GR-3120-CORE. Both standard flat drop and mini flat drop versions are available.

Features

- Compatible with OptiTap® connectors and adapters
- Robust threaded coupling mechanism
- Molded ferrule protection features prevent damage and contamination
- Durable dust cap tether
- UPC and APC SC versions ideal for FTTH deployment
- Standard flat drop and mini flat drop versions available
- Exceeds requirements of GR-3120-CORE
- Withstands 100lbf/450N pull force



HEC-TAP Connector for Standard Flat Drop (8mm)

Housing	Singlemode APC P/N
Black	25848

HEC-TAP Connector for Mini Flat Drop (5-6mm)

Housing	Singlemode APC P/N
Black	26256

OptiTap® is a registered trademark of Corning Cable Systems, Inc.

HEC-TAP Adapter

The HEC-DC adapter enables the connector to be mated to a traditional SC connector. This adapter can be installed into a hardened terminal/closure and includes a gasket and protective cap to prevent water and dust intrusion.



HEC-TAP Adapter Options

US Conec offers bulkhead adapters for the HEC-TAP connector line. Bulkhead adapters are typically used with hardened closures, allowing the HEC-TAP to be mated with a traditional SC connector inside the closure.

	Part Number	Adapter Type	Color	Dust Cap	Fibers	Performance	Connector Style
	25854	Bulkhead/Hybrid	Black	Yes - Both sides	1F	SM & MM	HEC-TAP

Ribbonizing Tool

This precision machined tool is designed specifically for MT-ferrule and other array termination and is suitable for both factory and field use. The ribbonizing tool is smaller, less expensive, and easier to use than similar products on the market today. Additionally, the process uses commonly available tape as opposed to UV or heat curable liquid adhesives.



Ribbonizing Tool

Part Number	Description	Purpose
8040	Ribbonizing Tool, 12F	Creating 12F Ribbons for insertion into MT ferrules or fusion splicing.
15818	Ribbonizing Tool, 16F	Creating 16F Ribbons for insertion into MT ferrules or fusion splicing.
8231	Fiber Stacker	Replacement stacker/spatula with lanyard for ribbonizer part numbers 8040, 8060, and 8062

Disposable Ribbonizing Tool

The disposable ribbonizing tool utilizes a quick cure cyanoacrylate adhesive to provide a low-cost, robust ribbonization option. This solution is ideal for applications requiring excessive handling and multi-row termination applications.



Disposable 4 Fiber
Ribbonizing Tool (Top)



Disposable 8 Fiber
Ribbonizing Tool (Top)



Disposable 12 Fiber
Ribbonizing Tool (Top)



Disposable 16 Fiber
Ribbonizing Tool (Top)

Part Number	Description	Purpose
16764	Disposable Ribbonizer, 4F (Gray)	Creating 4F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
14682	Disposable Ribbonizer, 8F (Purple)	Creating 8F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
14316	Disposable Ribbonizer, 12F (White)	Creating 12F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
15360	Disposable Ribbonizer, 16F (Green)	Creating 16F, adhesive based ribbons for insertion into MT ferrules, 10+ uses

Re-Pitch Ribbonizing Tool

The disposable ribbonizing tool utilizes a quick cure, cyanoacrylate adhesive to provide a low-cost, robust ribbonization option. The ribbonizing tool provides a method to position loose smaller outer diameter coated fibers to the standard 250µm pitch currently being used in deployed architectures. This solution simplifies the termination process of these small fibers for backwards compatible ferrule geometries. The tool supports 165µm and 200µm coated fiber diameters.

Part Number	Description	Purpose
26310	200µm Fiber Ribbonizer, 12F	Creates 12 fiber ribbon with 200µm coated loose fibers at 250µm fiber pitch
21083	165µm Fiber Ribbonizer, 12F	Creates 12 fiber ribbon with 165µm coated loose fibers at 250µm fiber pitch
26309	200µm Fiber Ribbonizer, 16F	Creates 16 fiber ribbon with 200µm coated loose fibers at 250µm fiber pitch

Universal Fiber Holders

The universal fiber holders assist in the termination process by securing ribbon or loose fibers into position for the stripping and cleaving processes. The holders have space to house the spring and ferrule boot during these operations so that risk of damage after cleaving is minimized. For loose fibers used with round cables, a stacking feature is incorporated to eliminate the need for ribbonized fibers in single row fiber array termination. These tools support 8, 12 and 16 fiber counts within an array.

Part Number	Description	Purpose
21298	Universal Fiber Holder. 8F	Supports up to 8 fiber arrays for ribbon or loose fibers
21079	Universal Fiber Holder. 12F	Supports up to 12 fiber arrays for ribbon or loose fibers
21086	Universal Fiber Holder. 16F	Supports up to 16 fiber arrays for ribbon or loose fibers

Crimp Tools & Dies

US Conec offers a precision engineered crimp tool for each MTP® connector solution. Crimp dies are sold separately to switch out within an existing crimp frame or to incorporate into an existing manufacturing crimp press.



Crimp Tool



Crimp Die



Closing/Crimp Tool, 900µm

Crimp Tools & Dies

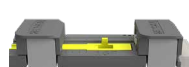
Part Number	Description	Purpose
8202	Crimp Tool, MTP®, 3.0mm	Crimps MTP® 3.0mm hardware; includes the hand tool (400053-01) and crimp die (8173)
17619	Crimp Tool, MTP®, 3.0mm Zipcord	Crimps MTP® 3.0mm zipcord hardware; includes the hand tool (400053-01) and crimp die (16835)
12345	Crimp Tool, MTP®, 3.6mm	Crimps MTP® 3.6mm hardware; includes the hand tool (400053-01) and crimp die (12208)
13473	Crimp Tool, MTP®, 4.5-5.5mm	Crimps MTP® 4.5-5.5mm hardware; includes the hand tool (400053-01) and crimp die (13119)
12245	Crimp Tool, MTP®, Oval	Crimps MTP® oval hardware; includes the hand tool (400053-01) and crimp dies (9883)
7017	Crimp Tool, MTRJ	MTRJ crimp tool with dies included.
400053-01	Crimp Hand Tool	Crimping tool without dies; compatible with all US Conec crimp dies
8173	Crimp Die, MTP®, Round, 3.0mm	Crimps MTP® 3.0mm hardware; crimp die only - no hand tool
16835	Crimp Die, MTP®, Zipcord, 3.0mm	Crimps MTP® 3.0mm zipcord hardware; crimp die only - no hand tool
12208	Crimp Die, MTP®, Round, 3.6mm	Crimps MTP® 3.6mm hardware; crimp die only - no hand tool
13119	Crimp Die, MTP®, Round, 4.5-5.5mm	Crimps MTP® 4.5-5.5mm hardware; crimp die only - no hand tool
9883	Crimp Die, MTP®, Oval	Crimps MTP® oval hardware; crimp die only - no hand tool
17775	Crimp Die, MXC®, 3.0 & 3.6mm	Crimp Die, MXC®, 3.0 & 3.6mm hardware; crimp die only - no hand tool
18363	Crimp Tool, MXC®, 3.0 & 3.6mm	MXC®, 3.0 & 3.6mm hardware; includes the hand tool (400053-01) and crimp die (17775)
15621	Closing/Crimp Tool, 900µm	Crimps 900µm; crimp die only - no hand tool

MTP® Assembly Tools

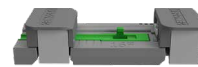
Part Number	Description	Purpose
5683	Pump, Vacuum, ULVAC	Vacuum pump used in kit MTA-021
5684	Vacuum Tubing, 1'	Plastic tubing used in kit MTA-021
6383	Replacement Blade for Ribbon Cutter	Replaces carbide blade in p/n MFA-004
8541	Stripper, Round Cable Jacket	Adjustable jacket removal tool for round cable
14316	Disposable Ribbonizer, 12F	Creating 12F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
14682	Disposable Ribbonizer, 8F (Purple)	Creating 8F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
15173	Ribbon Holder, 900µm	Holds fibers during stripping and cleaving for 900µm
15360	Disposable Ribbonizer, 16F (Green)	Creating 16F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
23820	Spring Compression Tool	Aids assembly process by compressing loose spring into spring push
15621	Closing/Crimp Tool, 900µm	Crimps 900µm; crimp die only - no hand tool
16764	Disposable Ribbonizer, 4F	Creating 4F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
24689	Epoxy, 353ND, MT ferrules	Secures fiber to MT ferrules
2104076-01	Scribe, Diamond	Diamond tip scribe used to etch the fiber
400025-01	Nozzle, Vacuum, MT	MTP® nozzle used in vacuum pump kit MTA-021
18490	Vacuum Pump Kit, w/Nozzles, Tubing 220V	Complete vacuum kit for pulling epoxy through ferrule microholes, 220v
18476	Universal Housing Removal Tool, MTP®	Used to disassemble MTP®, MTP®-16, and MTP® PRO plugs for gender changes and ferrule access
25516	Nylon Tube Brush 0.02, MTP®-16	Brush to assist in cleaning of MT guide pin holes for MTP®-16
17150	Ferrule Insertion Cap, MTP®-16	Aligns ferrule into the housing, MTP®-16
18472	Ferrule Insertion Cap, MTP® and MTP® PRO	Aligns ferrule into the housing, MTP® and MTP® PRO
23820	Spring Compression Tool, Universal MTP®	Aids MTP® assembly process by compressing loose spring into spring push

MMC Assembly Tools

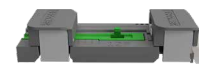
Part Number	Description
25298	Assy, Fiber Holder, MT/TMT, 16F
25299	Assy., Fiber Holder, MT/TMT, 12F
25634	Assy., Fiber Holder, MMC, Jacket Crimp, 16 Fiber
25647	Assy., Fiber Holder, MMC, Ribbon, 16 Fiber
25632	Assy, Fiber Holder, MMC, Jacket Crimp, 12 Fiber
25633	Assy, Fiber Holder, MMC, Ribbon, 12 Fiber



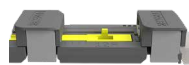
25298
Fiber Holder,
MT/TMT, 16F



25634
Fiber Holder,
MMC, Jacket Crimp,
16 Fiber



25632
Fiber Holder,
MMC, Jacket Crimp,
12 Fiber



25299
Fiber Holder,
MT/TMT, 12F



25647
Fiber Holder,
MMC, Ribbon,
16 Fiber



25633
Fiber Holder,
MMC, Ribbon,
12 Fiber

PRIZM® MT Assembly Tools

Part Number	Description	Purpose
21086	Ribbon Holder, 3.0-3.6mm	Holds ribbon fibers during stripping and cleaving for 3.0-3.6mm MTP® assembly
21079	16 Fiber Stripping Holder	Holds 16 fiber ribbon during thermal stripping
14316	Disposable Ribbonizer, 12F	Creating 12F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
14682	Disposable Ribbonizer, 8F (Purple)	Creating 8F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
15278	PRIZM® MT Ferrule Curing Guide	Protects ferrule during curing
15360	Disposable Ribbonizer, 16F (Green)	Creating 16F, adhesive based ribbons for insertion into MT ferrules, 10+ uses
15642	MXC® Detector Adapter, 10mm OD	Test adapter for large area detector
15708	PRIZM® MT Jacketed Handler, 8F Assembly	Holds ribbon fiber during stripping and cleaving for 8F, PRIZM® MT
15710	PRIZM® MT Jacketed Handler, 12F Assembly	Holds ribbon fiber during stripping and cleaving for 12F, PRIZM® MT
15712	PRIZM® MT Jacketed Handler, 16F Assembly	Holds ribbon fiber during stripping and cleaving for 16F, PRIZM® MT
15871	MXC® Detector Adapter, 5mm OD	Test adapter for 5mm detector
15990	MXC® Cleaner	Cleans PRIZM® MT ferrules in MXC® plug or MXC® receptacle
16235	Tray for Epoxy Cure Oven, PRIZM® MT	Supports ferrule and fiber during epoxy curing
16385	Torque-Limiting Screwdriver, PRIZM® MT	Pre-set torque used for tightening PRIZM® MT handlers
16386	Torx Insert Bit, Size T6	Used in Torque-Limiting Screwdriver
16512	PRIZM® MT Ribbon Handler, 8F Assembly	Holds ribbon during stripping and cleaving for 8F ribbons
16513	PRIZM® MT Ribbon Handler, 12F Assembly	Holds ribbon during stripping and cleaving for 12F ribbons
16514	PRIZM® MT Ribbon Handler, 16F Assembly	Holds ribbon during stripping and cleaving for 16F ribbons
16728	US Conec Laser Cleave Insert	Supports and manages fibers during cleaving process
16832	US Conec Alignment Insert	Aligns ribbons during termination
16874	Epoxy, AB9320, for PRIZM® ferrules	Secures fiber to PRIZM® MT ferrules
13923	12 Fiber Stripping Holder	Holds 12 fiber ribbon during thermal stripping
18754	Ferrule Insertion Cap, PRIZM® MT	Aligns ferrule into the housing, PRIZM® MT
21547	US Conec PRIZM® Connector Custom Inspection Reticule	Provides inspection guidance for allowable defects
21910	MXC® Removal Tool	Removes Single Port Blind Mate Internal Plug from Bracket

IBC™ Single Fiber Cleaning Tools

US Conec IBC™ single fiber cleaners can be used to effectively clean various single fiber connectors such as MDC, LC Duplex, LC and SC both residing in an adapter or faceplate and unmated. They feature a novel dry cleaning strand to gently sweep and lift away dust and debris from the connector end face that eliminates the need to use solvents for an effective clean. A simple pushing motion to engage the tool, an audible CLICK to alert the operator that the tool is fully engaged, a dust cap attached by a lanyard to prevent losing it, over 525 cleaning engagements per tool and the effectiveness of the cleaner to remove such contaminants as graphite, hand lotions, skin oils and Arizona road dust are just a few of the features of the US Conec's IBC™ single fiber cleaning tools. All IBC™ single fiber cleaners are RoHS compliant.

The IBC™ Cleaners are effective at removing the following contaminants:

• Arizona Road Dust (ISO 12103-1)	• Skin Oil Residue	• Salt Water Residue
• Alcohol Residue	• Vegetable Residue	• Hand Lotion
• Distilled Water Residue	• Graphite	• T-shirt Lint

IBC™ Cleaning Tools for 1.25mm Based Connectors

	Part Number	Model	Cleans Connector Types	Additional Information
	9393	LC	LC, MU	The most popular single fiber cleaner for LC, MU and other 1.25mm based optical connectors
	24366	LC PLUS	LC	Unique nozzle design cleans connector end faces through bulkhead adapters and when connectors are accessible. Over 775 cleans per cleaner
	22046	MDC	MDC	Dual ferrule endface cleaner for VSFF MDC connectors. Cleans 525 MDC connectors (1,050+ ferrule endfaces)
	14303	LC ²	LC	Dual ferrule endface cleaner for LC duplex connectors. Cleans 525+ LC duplex connectors (1,050+ ferrule endfaces)
	25761	HEC-DC LC ²	HEC-DC DLC; HEC-QR LCd	Dual ferrule endface cleaner for HEC-DC LC. Cleans 525+ LC duplex connectors (1,050+ ferrule endfaces)
	12910	H125	LC, MU	Cleans harsh environment 1.25 mm based connector systems - ARINC 800, ODC series, MXL38999, LuxCis series, MIL PRF 64266 [NGCON], Neutrik opticalCON
	13965	Zi125	LC, MU	Compact size; includes retractable zipcord
	14649	ZiA125	LC, MU	Cleans harsh environment 1.25 mm based connector systems - ARINC 800, ODC series, MXL38999, LuxCis series, MIL PRF 64266 [NGCON], Neutrik opticalCON; includes retractable zipcord, Compact size
	22277	QM125	Q-ODC-2 Mini	Cleans harsh environment 1.25mm based connector systems

IBC™ Cleaning Tools for 2.5mm Based Connectors

	Part Number	Model	Cleans Connector Types	Additional Information
	9392	SC	SC, ST, FC, E2000	The most popular single fiber cleaner for SC, FC, ST and other 2.5mm based optical connectors
	24367	SC PLUS	SC	Unique nozzle design cleans connector end faces through bulkhead adapters and when connectors are accessible. Over 775 cleans per cleaner
	25760	HEC-DC SC	HEC-DC SC; HEC-QR SC	Cleans flat and angled ferrules of HEC-DC SC hardened connectors and SC connectors installed in HEC-DC SC adapters
	9394	HC	OptiTap®	Cleans OptiTap® and OptiTap® compatible connectors. Used in FTTx applications
	13964	Zi25	SC, ST, FC, E2000	Compact size; includes retractable zipcord
	13310	M250	SC, ST, FC, TFOCA	1.8 mm cleaning region

IBC™ Cleaning Tools for Specialty Connectors

	Part Number	Model	Cleans Connector Types	Additional Information
	12926	M20	SMPTE 304M, SMPTE 358M, MIL PRF 28876	Cleans harsh environment 2.0 mm based connector systems
	13309	M16	M38999	Cleans harsh environment 1.6 mm based connector systems
	14829	GA16	M38999	Cleans harsh environment 1.6 mm based connector systems; Cleans through Glenair M38999 test adapters; compact size; includes retractable zipcord
	15523	G1000	Glenair Mighty Mouse 20 series	Compact size; can be used to clean MIL/AERO 1.0 mm connectors; includes retractable zipcord

IBC™ Multi-fiber Cleaning Tools

When the application calls for cleaning multi-fiber connectors, US Conec offers a variety of cleaners for the job. The IBC™ multi-fiber cleaning tools is designed for cleaning the MT and TMT based connector systems loaded in a bulkhead adapter, on the card edge, on a backplane and can even be used to clean unmated cable assemblies using the alignment cap. The design of the IBC™ of multi-fiber cleaning tools allows it to clean both the female [no guide pins] and male [with guide pins] connectors. These cleaners will provide over 525 cleaning engagements per tool and will clean both flat and angled ferrules. The US Conec multi-fiber cleaners feature a nozzle that is keyed for precise alignment of the cleaning tip to the fiber array. All IBC™ multi-fiber cleaners are RoHS compliant.

The IBC™ Cleaners are effective at removing the following contaminants:

• Arizona Road Dust (ISO 12103-1)	• Skin Oil Residue	• Salt Water Residue
• Alcohol Residue	• Vegetable Residue	• Hand Lotion
• Distilled Water Residue	• Graphite	• T-shirt Lint

IBC™ Cleaning Tools for MMC Based Connectors

	Part Number	Model	Cleans Connector Types	Additional Information
	25802	MMC II	MMC	Cleans MMC connectors/TMT ferrules
	25803	MMC-16 II	MMC-16	Cleans MMC-16 connectors/TMT-16 ferrules

IBC™ Cleaning Tools for MPO Based Connectors

	Part Number	Model	Cleans Connector Types	Additional Information
	7104	MPO II	MPO	Cleans flat and angled MT ferrules
	17669	MTP®-16	MTP®-16, TIA-604-5 compliant MPO connectors only	Cleans flat and angled MT-16™ ferrules
	25293	MPO II-ESD	MPO	Cleans flat and angled MT ferrules Suitable for use in ESD environments

IBC™ Cleaning Tools for MT Based Specialty Connectors

	Part Number	Model	Cleans Connector Types	Additional Information
	25762	HEC-DC MTP®	HEC-DC MTP®; HEC-QR MPO	Cleans flat and angled ferrules of HEC-DC MTP® hardened connectors and MTP® connectors installed in HEC-DC MTP® adapters
	15546	MT38 II	MT based D38999	Requires special adapters
	15639	OptiTip® II	OptiTip®	Cleans OptiTip® connectors. Requires attached lanyard of adapters
	15549	HQMT	Q-ODC-12/24	Cleans MT-based harsh environment connectors
	8037	HBMT	Molex HBMT™, 1x8 ARRAY, 1x6 ARRAY, 1x3 Circular MT, MPO	Additional special adapters available
	9959	HBMT EN	Molex HBMT™, 1x8 ARRAY, 1x6 ARRAY, 1x3 Circular MT, MPO	Additional special adapters available; extended nozzle length of 224mm

Multi-fiber Cleaning Adapters

	Part Number	Model	Cleans Connector Types	US Conec Cleaner Used	Additional Information
	7907	ARRAY 1 x 6	Molex ARRAY6 connections	8037	Cleans plug and socket Molex ARRAY6 connections; Clean ferrules 1, 3, and 5 then flip and clean ferrules 2, 4, and 6
	8035	HBMT Card Edge	Molex HBMT card edge connections	8037	Cleans plug and socket Molex HBMT card edge connections
	8097	HBMT Backplane	Molex HBMT backplane connections	8037	Cleans plug and socket Molex HBMT backplane connections
	8802	Circular 1 x 3 Receptacle	Molex 1 x 3 circular connections	8037	Cleans receptacle on Molex 1 x 3 circular connections
	8803	Circular 1 x 3 Connector	Molex 1 x 3 circular connections	8037	Cleans connector on Molex 1 x 3 circular connections
	13463	MT38999 Quad	MT ferrules in Quad MT D38999 connectors	15546	Will align cleaner part number onto protruding MT ferrules in Quad MT D38999 connectors from Amphenol Aerospace
	13464	MT 38999 Single	MT ferrules in Single MT D38999 connectors	15546	Will align cleaner part number onto protruding MT ferrules in Single MT D38999 connectors from Amphenol Aerospace

IBC™ Eliminator™ Cleaning Fluid

US Conec's IBC™ Eliminator™ Cleaning Fluid is designed specifically for fiber optic connector endface cleaning. It is a non-flammable, low odor cleaning fluid that helps to dissolve the stubborn debris found on some optical connector endfaces. The fluid also eliminates static-born debris common in dry environments.

Eliminator™ Cleaning Fluid is easy to apply and quick to dry, leaving no residue like alcohol and other similar cleaners. The cleaning fluid does not have a shelf life and is safe for any shipping method, including air transportation. Eliminator™ Cleaning Fluid can also be used for cleaning fibers in preparation for fusion splicing or other connectorization applications.

Eliminator™ Cleaning Fluid

	Part Number	Size	Additional Information
	21098	3 oz can	Contains fluid for more than 650 individual cleans

Cleaning Tools for PRIZM® MT Based Connectors

The PRIZM® MT cleaning tool is designed specifically for use with US Conec's PRIZM® MT lensed ferrule technology. The simple, one-push style with guide cap cleans bulkhead-mounted MXC receptacles and/or cabled MXC plugs. US Conec also offers a version that can be used to clean the PRIZM® MT in an MTP® format. The cleaners will provide over 150 cleaning engagements per tool.

PRIZM® MT Cleaning Tools

	Part Number	Model	Cleans Connector Types	Additional Information
	15990	MXC®	MXC® plug, MXC® receptacle, MXC® back plane	Adapter available for MXC® back plane connectors
	16899	PRIZM® MTP®	MTP® connector with PRIZM® MT ferrules	Cleans unmated cables and cables loaded in a bulkhead adapter

PRIZM® MT Cleaning Tool Adapters

	Part Number	Model	Cleans Connector Types	US Conec Cleaner Used	Additional Information
	16824	MXC®	MXC® back plane	15990	Cleans blind mate MXC® external plugs when not installed in the backplane
	18904	MXC®	MXC® back plane	15990	Cleans blind mate MXC® external plugs when installed in the backplane

OPTIPOP R Refillable Cassette Cleaners

The OPTIPOP R is a fiber optic cleaning cassette that can be refilled to help reduce the cost per clean, making it a great cleaner to use in production facilities, data center installations and other applications where unmated fiber optic connectors are used. This cleaner offers multiple versions for cleaning various types of connector end faces from single fiber like the SC and LC to multi-fiber such as the MTP® Brand, MPO and MTRJ connectors. The anti-static cloth material used in these cassettes produces a pristine fiber end face and minimizes contaminant attraction. The cleaning fabric is pre-washed and produces less than 70 pieces per CFM of particles that are > 1mm in size, making this an excellent cleaning cassette for use in any production setting including clean rooms. A great feature of this cassette is that all versions utilize the same replacement reel part number. The replacement reels are easy to install and offer 400+ cleanings per reel.



OPTIPOP R Refillable
Cassette Cleaner

OPTIPOP R Refillable Cassette Cleaners

	US Conec Part Number	Model	Cleans Connector Types	Number of Slots	NTT-AT Reference
	6338	Single Slot	SC, ST, FC, E2000, LC, MU, Female MPO, MTRJ, Female MMC/TMT	One	ATC-RE-01
	6437	Two Slots	LC, MU	Two	ATC-RE-02
	6339	MPO Male	Male MPO with guide pins and male MMC/TMT with guide pins	One	ATC-RE-03
	6340	MTRJ	Male MTRJ with guide pins	One	ATC-RE-04
	8057	OptiTap®	OptiTap®	One	ATC-RE-03W
	6232	Refill	(Used for all OPTIPOP R cassettes; 6 pack)	-	ATC-RS-01

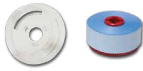
CLETOP Refillable Cassette Cleaners

The CLETOP and CLETOP-S are refillable cassette style fiber optic connector end face cleaners. They offer a low cost per clean, making them a good fit for factory settings. The CLETOP cleaners come in multiple versions and can be used to clean single fiber and multi-fiber connector end faces, depending on the version chosen. CLETOP cleaners feature an anti-static cloth material that minimizes contaminant attraction while creating a debris-free connector end face. The refills come in either cassettes or reels and the refill type used is dependent upon the version of cleaner being used. Refills offer more than 400 cleanings each and are easy to install.

CLETOP Refillable Cassette Cleaners

	US Conec Part Number	Model	Tape Color	Cleans Connector Types	Tape or Cartridge	NTT-AT Part Number	Additional Information
	14703	CLETOP Type A	Blue	SC, SC2, FC, ST, DIN, D4, E2000	Tape	14100501	Uses refill part number 14709 or 14710
	15052	CLETOP Type A	White	SC, SC2, FC, ST, DIN, D4, E2000	Tape	14100511	Uses refill part number 14709 or 14710
	14704	CLETOP Type B	Blue	MU, LC, MT, MPO, BIC, MMC	Tape	14100601	Uses refill part number 14709 or 14710
	15053	CLETOP Type B	White	MU, LC, MT, MPO, BIC, MMC	Tape	14100611	Uses refill part number 14709 or 14710
	14706	CLETOP Type MPO	White	MTP®/MPO (Male and Female), MMC	Tape	14100201	Uses refill part number 14709 or 14710
	14707	CLETOP-S Type A	Blue	SC, SC2, FC, ST, DIN, D4, E2000	Cartridge	14110501	Uses refill part number 14711 or 14712
	14708	CLETOP-S Type B	Blue	MU, LC, MT, MPO, BIC, MMC	Cartridge	14110601	Uses refill part number 14711 or 14712
	15051	CLETOP-S Type B	White	MU, LC, MT, MPO, BIC, MMC	Cartridge	14110611	Uses refill part number 14711 or 14712

CLETOP Replacement Tape & Cartridges

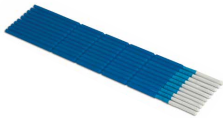
	US Conec Part Number	Model	Tape or Cartridge	Tape Color	NTT-AT Part Number
	14709	CLETOP Refill	Tape	Blue	14100700
	14710	CLETOP Refill	Tape	White	14100710
	14711	CLETOP-S Refill	Cartridge	Blue	14110700
	14712	CLETOP-S Refill	Cartridge	White	14110710

Fiber Optic Cleaners

Stick Cleaners

US Conec's line of stick and pipe cleaners offers a solution for those hard to reach areas where an IBC™ Brand Cleaner nor a cassette style cleaner cannot be used. The sticks and pipes come in multiple sizes and can accommodate small form factor duplex and/or single-fiber connectors, transceiver receptacles and lenses. They are suitable for both field and factory use.

NEOCLEAN S Stick Cleaners

	US Conec Part Number	Size	Sticks per Case	Sticks per Sleeve	NTT-AT Part Number	Additional Information
	24981	1.25 mm	200	10	ATC-NS-125	Notched for length customization
	24982	2.5 mm	200	10	ATC-NS-250	Notched for length customization

CLETOP Stick Cleaners

	US Conec Part Number	Size	Units per Case	NTT-AT Part Number	Additional Information
	14713	2.5 mm	200	14100400	-
	14715	2.0 mm	200	14100402	-
	14716	2.0 mm 2.5 mm	100	14100403	Double-ended

History

US Conec is a global leader in providing passive components for high density optical interconnects. The company was founded in 1992 to expand the use of MT style multi-fiber technology through the design, manufacturing and sales of high precision fiber optic components. Today, US Conec brands span the globe, delivering cost effective technology solutions for data center and enterprise structured cabling, public networks, on-board & co-packaged optical interconnects, and industrial & military markets worldwide.

Service and Quality

US Conec provides industry leading components that enable high bandwidth systems such as cloud computing, core routing of the Internet, and fiber-to-the-home. The continued success is driven by the ongoing satisfaction and loyalty of customers. US Conec strives to exceed customer expectations, including product design and performance, quality, logistics, and customer service. A thorough understanding of customer requirements and the broader application is essential to the collective success of the company.

Innovation & Growth

US Conec consistently invests in product design, development, and manufacturing to support the growth of new and more cost-effective applications. The company actively participates in worldwide standards and implementation forums to drive broad support for new technology. The strategy is to combine investment in people talent with leading edge technology to build a foundation for growth. US Conec actively partners with the world's leading technology companies to develop unique, cutting-edge products.

Product Developments

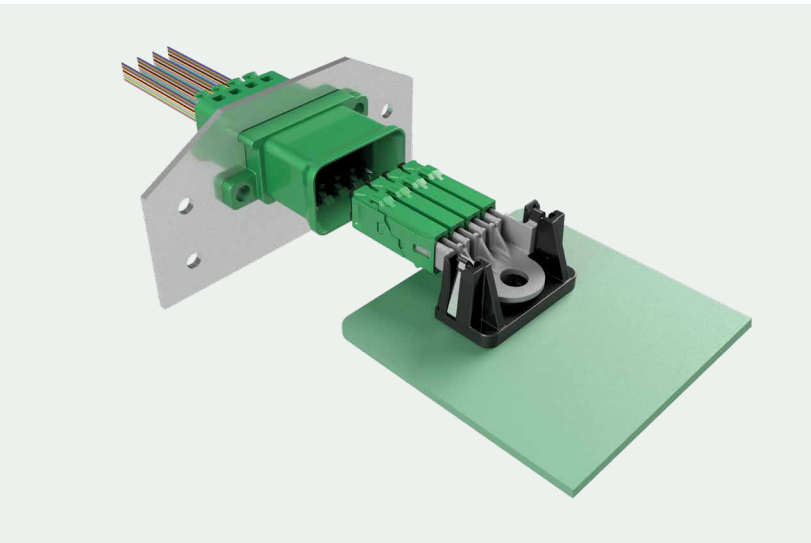
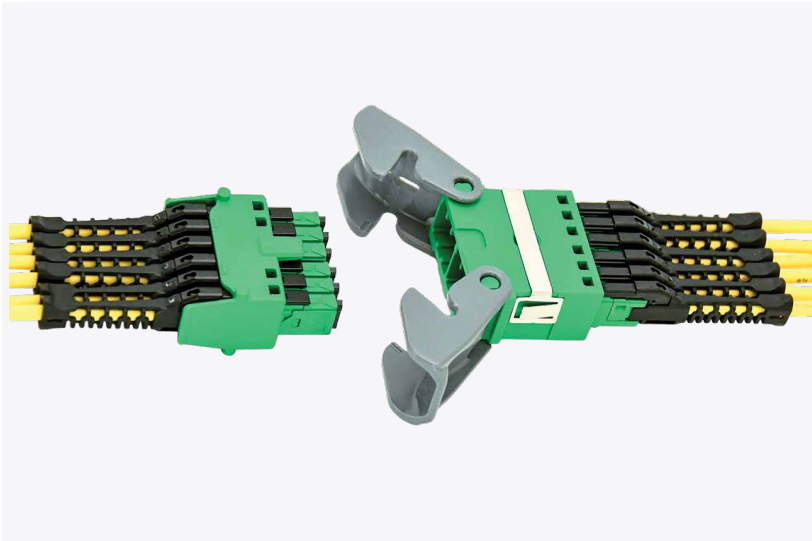
The company's key product developments include MT-style multi-fiber ferrules, MTP® MPO connectors, MXC® connectors, HEC connectors, PRIZM® lensed ferrule technology, DirectConec™ push-pull technology, ELiMENT® single fiber connectors, very small form factor MDC and MMC connector solutions, IBC™ fiber optic cleaners, termination equipment, high precision optical packaging components, and custom optical interconnect solutions.

Environmental Commitment

In all aspects of business, US Conec strives to minimize the environmental impact by developing products and practices that are safe and sustainable. Dedicated to continual improvement in environmental initiatives, US Conec maintains and monitors current global environmental legislation activities to ensure business practices are aligned with and adhere to industry relevant compliances.

Share Holders

US Conec is an equity venture of three leading communications technology companies—Corning Optical Communications, Fujikura Ltd., and NTT Advanced Technology Corp. The shareholders provide leading-edge communications and information technology products and services for global customers.



MTP®, MTP® PRO, MT Elite®, MTP Elite®, MTP®-16, MXC®, PRIZM®, Light Turn®, PRIZM® MT, ELIMENT®, IBC™, Eliminator™, DirectConec™, Fast-Track™, and MTP® PRO X