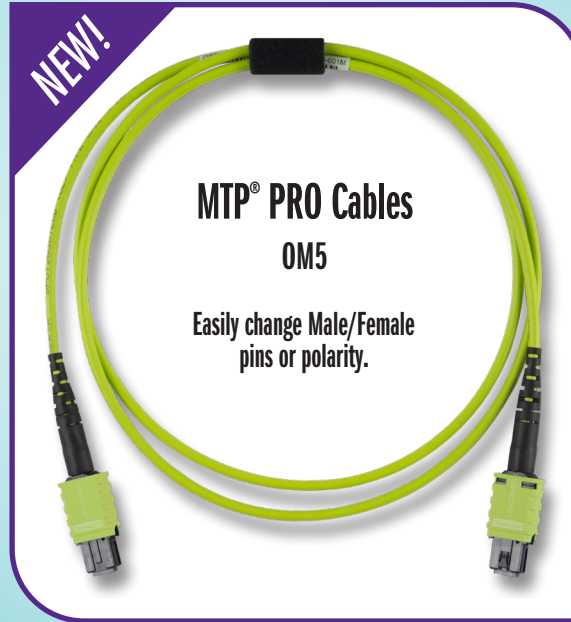


MTP® 40/100/200/400G

Fiber Patch Cables



Erika Violet MTP® Cables
40G to 10G
Fanout/Harness Cable



OM4+ Purple MTP® Cables
100G to 40G Fanout/Harness Cable



MTP® Elite and PRO connectors
*MTP® is a registered trademark of USCONEC Lt

AVAILABLE COLORS



Push/Pull Tab Available



MTP® Elite Only

Industry Standard

Telcordia GR-326-CORE

TIA/EIA-568-C.3

IEE802.3z

RoHs Compliant

Jackets

Riser (OFNR)

Plenum (OFNP) [Our Standard]

LSZH

Jacket Sizes

2mm

3mm

Features

- MTP® Elite connectors used (standard)
- Low insertion loss
- Low back reflection
- Customer defined specification
- Every cable tested, report included
- Unique Serial number and part number on each end of cable for easier installation and reorder
- Terminations available to: MTP®/MPO, Universal LC Elite™, LC Uniboot, SC Uniboot, LC, SC, FC and ST
- Polish Types: SM APC, and MM PC

- Fiber Types: **BIF** - Bend Insensitive Fiber (High Bend Radius)
 - > Corning Clearcurve 50/125 OM3
 - > Corning Clearcurve 50/125 OM4
 - > Corning Clearcurve 50/125 OM4+ (Purple)
 - > Corning Clearcurve SMF-28eXB/Ultra (G.657.A1)
- Batch testing by Dorc Machine
- Customization: Length, packaging, bar coding, labeling, stocking programs, color and style of cable
- Available with (Male) or without (Female/Standard) alignment pins

Applications

Data Center • Telecommunications • Local Area Network • Fiber to the Home • Video Transmission • Fiber Optic Sensing • Test Instruments • CATV

Performance Specifications

Fiber Type	MTP® Connectors				Universal LC Elite™		SM (Non-MTP®)		MM (Non-MTP®)
	Ultra High Performance		Elite (MTP® Standard)						
Polishing	SM (APC)	MM (PC)	SM (APC)	MM (PC)	SM (UPC)	MM (PC)	UPC	APC	PC
Insertion Loss	< 0.25dB	< 0.25dB	< 0.35dB	< 0.35dB	< 0.15dB	< 0.15dB	< 0.25dB	< 0.25dB	< 0.25dB
Return Loss	± 0.55dB	± 0.60dB	± 0.55dB	± 0.60dB	≥50dB	≥25dB	± 0.55dB	± 0.60dB	± 0.25dB
Durability	> 500 Matings		> 500 Matings		> 500 Matings		> 500 Matings		> 500 Matings
Core Diameter	9/125 µm	50/125 µm or 62.5/125µm	9/125	50/125 µm or 62.5/125µm	9/125µm	50/125µm or 62.5/125µm	9/125 µm		50/125 µm or 62.5/125 µm
Operating Temperature	Negative 20° C to Positive 70° C								
Storage Temperature	Negative 40° C to Positive 85° C								

MTP® PRO

MTP® PRO Connector

- Enhanced performance and mating durability for long life
- Fully compatible with MTP® Elite and MPO connections

MTP® PRO Tool

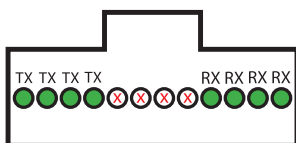
- Ability to make polarity changes with MTP® PRO Tool in the field without exposing fibers (A to B, B to A)
- Add or remove alignment pins with the MTP® PRO Tool with ease without removing the housing (Male to Female, Female to Male)

P/N: PRO-TOOL-18814

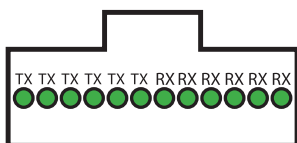


MTP® APPLICATION PINOUTS

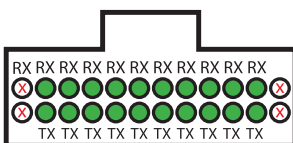
QSFP/40G or QSFP28/100G



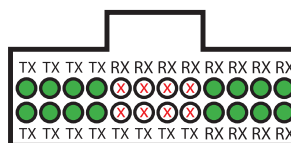
12 FIBER MPO/MTP®



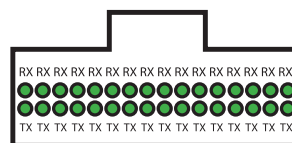
CFP/100G



QSFPDD



24 FIBER MPO/MTP®



ORDERING INFORMATION



1 CABLE TYPE

8 Fibers in one MTP = QSFP
12 Fibers in one MTP = MPO
16 Fibers in one MTP = M16
20 Fibers in one MTP = CFP
24 Fibers in one MTP = M24
32 Fibers in one MTP = M32

2 PERFORMANCE

Ultra High = U
Elite (Standard) = Blank
Standard = S
PRO = R

3 CONNECTORS

MTP Female = PF
MTP Male = PM
LC Duplex = L2
Universal LC = UL
Universal LC Elite = UE

4 MTP® TRIGGER COLOR

Aqua = A (Blank if OM3/OM4)
Purple = V (Blank if OM4+)
Yellow = Y (Blank if Singlemode)
Beige = I
Black = K
Blue = B
Erika Violet = E
Gray = G
Green = N
Magenta = M
Orange = O
Red = R

5 MTP® BOOT COLOR

Aqua = A
Beige = I
Black = Blank (Standard)
Blue = B
Brown = C
Erika Violet = E
Gray = G

Green = N
Lavender = L
Magenta = M
Orange = O
Pink = P
Purple = V
Red = R
Yellow = Y

6 PULL TAB

Pull tab = T
No tab = Blank (Standard)

7 FIBER TYPE

OM1 = 1
OM2 = 2
OM3 = 3
OM4 = 4
OM4+ = P
SM = S

8 FIRE RATING

Riser = R
Plenum = P
LSZH = L

9 CABLE COLOR

Aqua (OM3, OM4) = Blank
Purple (OM4+) = Blank
Erika Violet = EV
OM4 Purple = PR
Red = RD
Yellow (SM) = Blank

10 JACKET SIZE

3mm = Blank
2mm = 2

11 LC TRIGGER COLOR

Standard = BLANK
Blue = B
Aqua = A
Purple = P

12 BREAKOUT LENGTH

Always in feet (example: 1, 1.5, 2)
If both are MTP/MPO = Blank

13 POLARITY

Method A (1 to 1) = A
Method B (1 to 12) = Blank
Method C (1 to 2) = C

14 US MADE

US = U
Other = Blank

15 LENGTH

Always use 3 digits
(example: 001, 01.5, 010)

16 UNIT OF MEASURE

Meters = M
Feet = F

MTP® PRO Pin Exchanges

Pin Exchange (out of 10)	Part Number
Multimode Pins	PRO-18842-10
Multimode No Pins	PRO-18256-10
Singlemode Pins	PRO-18843-10
Singlemode No Pins	PRO-18841-10