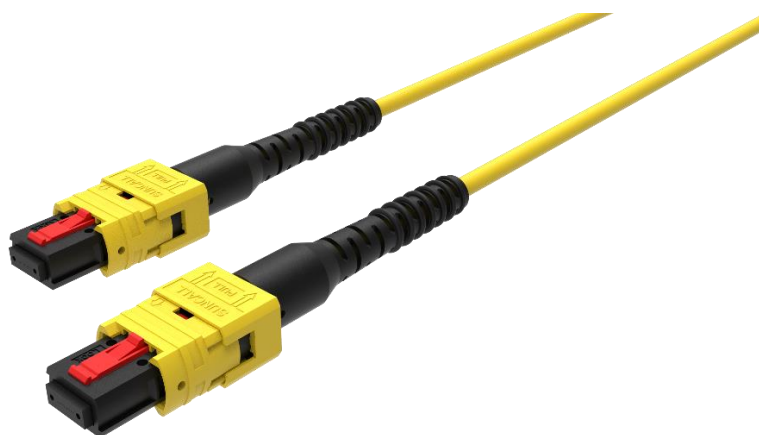


MTP®/MPO PRO TRUNKS **BASE-12**




Browse on Mobile

 Browse on Web

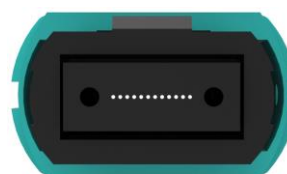
The NEXCONEC® MTP®/MPO PRO connector redefines MPO connectivity with its simplified field configurability, enhanced performance, and exceptional reliability. Designed for quick and efficient polarity and pin reconfiguration, it allows seamless adjustments in both field and factory settings without compromising product integrity. This innovative design minimizes installation time, reduces errors, and optimizes cabling inventory, leading to a more cost-effective and scalable fiber infrastructure. With a focus on performance, flexibility, and ease of use, the MTP®/MPO PRO connector ensures a future-ready solution for high-density fiber networks.

FEATURES

- ✓ Reinforced pull boot connector, makes gender & polarity change faster
- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ All Assemblies are machine polished providing the highest quality
- ✓ Cable terminated with Base-12 fiber MTP®/MPO Pro Connectors
- ✓ Available in custom length and cable construction from 12 to 144 fibers
- ✓ All Assemblies are factory tested and come with test certificate
- ✓ Factory pre-terminated assemblies with protocol for constant and reliable quality
- ✓ CPR Euro classes certified on demand 

APPLICATIONS

- ✓ Telecommunication networks
- ✓ Data centers, Co-location DC
- ✓ LAN or Campus wide Network
- ✓ Supports up to 100G applications



12 Fiber MTP/MPO

MTP®/MPO PRO CONNECTOR SPECIFICATIONS

Parameters	IL – Max	IL – Typical	RL
SM – Standard	0.75 dB	0.40 dB	> 60 dB
SM – Premium	0.35 dB	0.20 dB	> 60 dB
MM – Standard	0.60 dB	0.40 dB	> 20 dB
MM – Premium	0.35 dB	0.20 dB	> 20 dB

CABLE CHARACTERISTICS

Cable Characteristics	Units	Value						
Fiber Count		12F	12F	24F	48F	72F	96F	144F
Outer Diameter	mm	3.0	4.5	4.5	7.5	8.5	10.0	11.4
Tensile Strength (Long Term)	N	60	150	150	250	300	350	400
Tensile Strength (Short Term)	N	200	400	400	550	650	900	1000
Crush Resistance (Short Term)	N/100mm	500	1000	1000	1000	1000	1000	1000
Cable/Tail Material		LSZH						
Strength Member		Aramid Yarn						
Operating Temperature	°C	-20 ~ +70						
Minimum Bending Radius	mm	10D (Static) / 20D (Dynamic)						
CPR Reaction to Fire Classification	Certified	Cca-s1a,d0,a1	B2ca-s1a,d0,a1	Cca-s1a,d0,a1	B2ca-s1a,d0,a1, Cca-s1b,d0,a1			

*** For higher fiber counts please refer to our cable datasheet

ORDER INFORMATION

MOPRO	1	2	3	4	5	6	7	8	DIST
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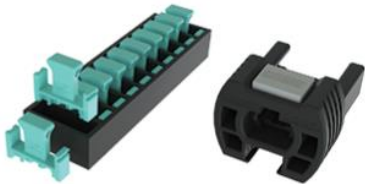

*MOPRO	1	2	CONNECTOR	3	4	FIBER	5	CABLE CONSTRUCTION	6	JACKET COLOR	7	JACKET MATERIAL	8	POLARITY
	M1	M1	12F MPOF STD	12-144	A1	G657A1	S	**Single Jacket	Y	Yellow	L	LSZH	A	POL A
	M2	M2	12F MPOM STD		A2	G657A2	D	Double Jacket	Q	Aqua	LB	LSZH B2ca	B	POL B
	M3	M3	12F MPOF ELITE		O3	OM3	SD	Microcable Slim DJ	V	Erika Violet	LC	LSZH Cca	C	POL C
	M4	M4	12F MPOM ELITE		O4	OM4			G	Lime Green				
					O5	OM5								

*For MTP® PRO from USCONEC, above PN must start with MTPRO instead of MOPRO.

**Single Jacket is for up to 24FO only.

***Tails to be FANOUT or STAGGERED/CASCADE with or without Pulling solution.

RELATED PRODUCTS AND ACCESSORIES

Product	Part Number	Product Description
	MOPROTKIT	MPO Field Pin Change Tool Kit <i>Housing Tool, Exchanger Pin Tool & Storage Case</i>
	18916	MTP® Field Pin Change Tool Kit <i>Housing Tool, Green Gripper, Exchanger Pin Tool & Storage Case</i>