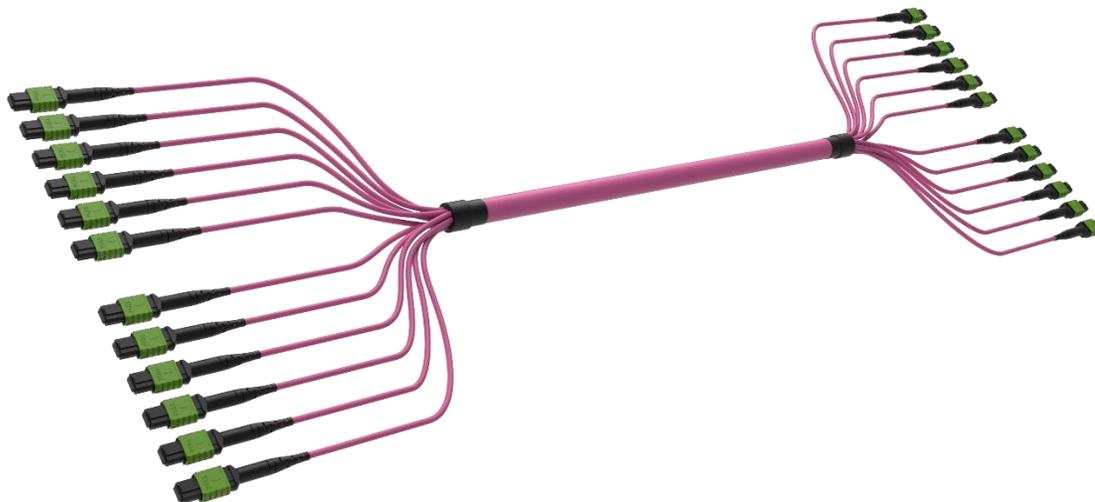


MTP[®]/MPO (APC) MM OM4 TRUNKS **BASE-8**



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NEXCONEC[®] MTP[®]/MPO (APC) MM OM4 Trunks (BASE-8) are compact, high-density fiber connector assemblies designed for demanding high-bandwidth applications. Our MTP[®]/MPO Trunks are specifically designed for high-speed applications ranging from **40G up to 800G**, including Twin-port OSFP environments. Supporting two 4-channel fiber links, these trunks enable seamless connectivity to other twin-port OSFP, single-port OSFP, or QSFP112 400G transceivers. Ideal for 200G, 400G, and 800G data transfer rates, they provide reliable interconnection between equipment, modules, and panels in high-density data centers.

Our MTP[®]/MPO connectors are available in both Standard and Elite versions to meet varying power budget needs. These MPO trunks are fully compatible with **NVIDIA/Mellanox MFP7E10-N001**, making them the perfect choice for AI and machine learning solutions, where speed and reliability are paramount.

FEATURES

- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ All Assemblies are machine polished providing highest quality
- ✓ Cable terminated with Base-8 fiber MTP[®]/MPO Connectors
- ✓ MPO push/pull release boot
- ✓ Available in custom length and cable construction from 8 to 96 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 and Enterprise networks
- ✓ Data centers, Co-location DC
- ✓ LAN or Campus wide Network
- ✓ AI & Machine Learning, Big Data Analytics
- ✓ Supports from 40G up to 800G applications



8 Fiber MTP/MPO

MTP®/MPO CONNECTOR SPECIFICATIONS

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

CABLE CHARACTERISTICS

Cable Characteristics	Units	Value					
		8F	8F	24F	48F	72F	96F
Fiber Count		8F	8F	24F	48F	72F	96F
Outer Diameter	mm	3.0	4.5	4.5	9.6	11.2	13.3
Tensile Strength (Long Term)	N	60	150	150	300	400	450
Tensile Strength (Short Term)	N	200	400	400	600	900	950
Crush Resistance (Short Term)	N/100mm	500	1000	1000	1000	1000	1000
Polarity		"Crossover" Type-B Polarity					
Cable/Tail Material		LSZH or PVC					
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		

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

ORDER INFORMATION

Ask Sales for Order Details: sales@nexconec.com

Or [Contact Us](#) by filling website contact form, one of our colleagues will get back to you shortly!

