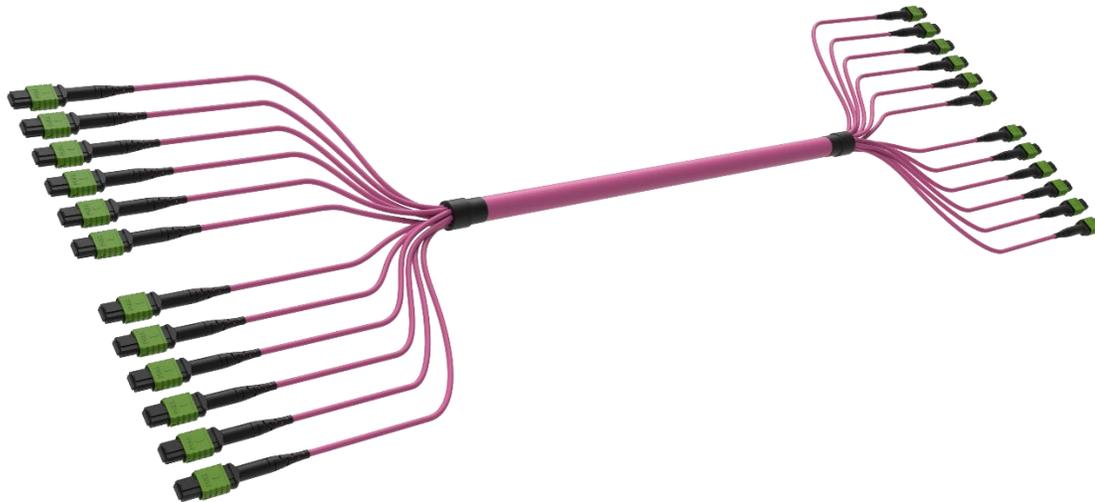


## MTP<sup>®</sup>/MPO (APC) MM OM4 TRUNKS **BASE-12**



Browse on Mobile

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NEXCONEC<sup>®</sup> MTP<sup>®</sup>/MPO (APC) MM OM4 Trunks BASE-12 are compact, high-density fiber connector assemblies designed for demanding high-bandwidth applications. Ideal for up to **200G/400G** data transfer rates, these trunks facilitate seamless connectivity between equipment or modules/panels in data centers. Our MTP<sup>®</sup>/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-12 fiber MTP<sup>®</sup>/MPO Connectors
- ✓ MPO push/pull release boot
- ✓ 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 and Enterprise networks
- ✓ Data centers, Co-location DC
- ✓ LAN or Campus wide Network
- ✓ AI & Machine Learning, Big Data Analytics
- ✓ Supports up to 200G/400G applications



12 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						
		12F	12F	24F	48F	72F	96F	144F
Fiber Count		12F	12F	24F	48F	72F	96F	144F
Outer Diameter	mm	3.0	4.5	4.5	9.6	11.2	13.3	17.5
Tensile Strength (Long Term)	N	60	150	150	300	400	450	500
Tensile Strength (Short Term)	N	200	400	400	600	900	950	1000
Crush Resistance (Short Term)	N/100mm	500	1000	1000	1000	1000	1000	1000
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](mailto:sales@nexconec.com)

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

