ECS MPO ELITE TRUNKS SM/MM Cca 12-192F

ECS
European Cabling Systems
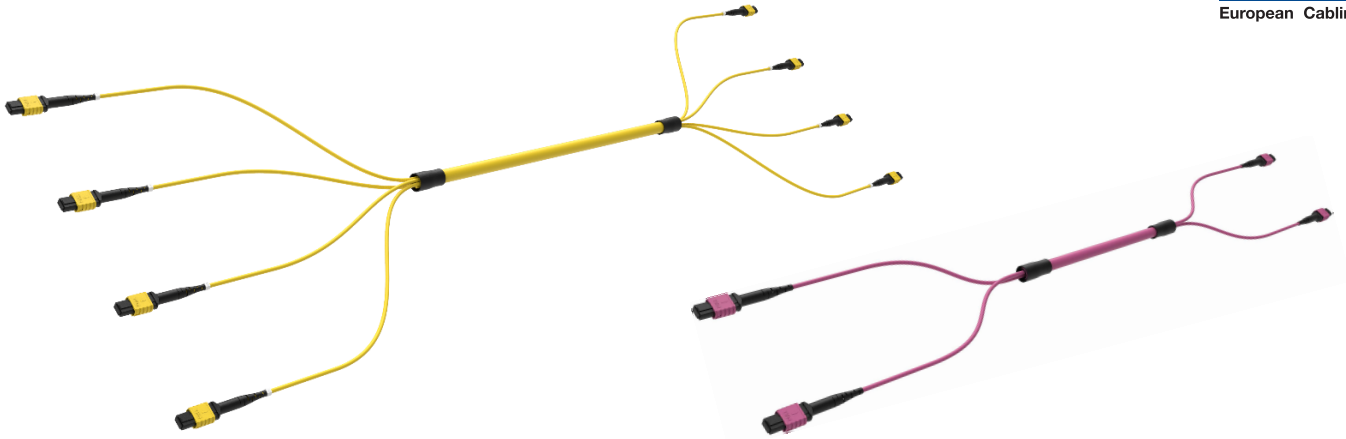
ECS MPO Trunks are small form factor high-density fiber connector assemblies used in high-density applications. The MPO Trunks are suitable for up to 100G applications to connect between equipment or to interconnect modules/panels in a data center. MPO Elite versions to cater customer's power budget requirements.

FEATURES

- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ All Assemblies are machine polished providing highest quality
- ✓ 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 classes certified

APPLICATIONS

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

MPO CONNECTOR SPECIFICATIONS

Parameters	IL – Max	IL – Typical	RL
SM Elite	0.35 dB	0.10 dB	> 60 dB
MM Elite	0.35 dB	0.10 dB	> 20 dB

CABLE CHARATERISTICS

Cable Characteristics	Units	Value						
Fiber Count		12F	16F	24F	48F	72F	96F	144F
Outer Diameter	mm	3.0	4.5	4.5	9.6	11.2	13.3	17.5
Tensile Strength (max/min)	N	200/60	400/150	400/150	600/200	1000/300	1000/300	1000/300
Crush	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 (installed)/20D (loaded)						
CPR Reaction to Fire Classification	Certified	Cca-s1a,d0,a1						

	Typ		Fiber Antal		Fibertyp		MPO Base typ		Kontakt typ		Polaritet		Längd
M	T	Trunk	-	8	A1	SM A2	B8	Base-8	FF	Female-Female	A	Rak	-	001-999
M	P	Patch	-	12	O4	OM4 (E.V)	B12	Base-12	FM	Female-Male	B	Korsad		
M	F	FanOut	-	16	O4Q	OM4 (Aqua)	B16	Base-16	MM	Male-Male	C	Par korsad		
				24	O5	OM5	B24	Base-24						
				32										
				48										
				72										
				96										
				144										
				192										

	Art.Nr	Beskrivning 1	Beskrivning 2
Ex:	MT-12A2B12FFA-005	ECS MPO Trunk SM 12F Cca 1xMPO12 5,0m	Elite Base12 hona-hona Typ A 0,5m FanOut

MPO POLARITY

You can always contact Alcadon for guidance, we can make any kind of polarity and configuration at your request For example the TIA spec for cabling (TIA-568) has more than 20 pages of possible combinations for MPO cable plants, varying in pins/ no-pins, keying, types of connectors, color codes and numbering schemes.