



Setting the Standards

## Pre-Terminated MPO Trunk Cable



### Description

Oxin MPO/MTP trunk multicore cable assemblies facilitate rapid deployment of high density backbone cabling in data centers and other high fiber environments reducing network installation or re-configuration time and cost. They are used to interconnect cassettes, panels or ruggedized MPO/MTP Fan Outs, spanning MDA, HDA and EDA zones.

MPO/MTP trunk assemblies are offered in most fiber types as standard 12 to 144 core versions using a compact and rugged micro cable structure. The compact cables optimize cable-way use and improve airflow.

Oxin MPO/MTP trunks are built with highest quality components. Standard MPO/MTP as well low loss Elite versions are offered featuring low insertion loss for demanding high speed networks where power budgets are critical.

### Features

1. OS2/1, OM3, OM4 Fiber Grades (OM1 and OM2 available)
2. 24 ,12 and 48 Core Micro cable Trunk
3. LSZH, OFNP, OFNR Cable Jacket
4. Female (standard) and Male MPO/ MTP connectors
5. Polarity A (standard), B or C
6. Factory terminated and tested

### Applications

- Data Center Infrastructure
- Storage Area Network- Fiber Channel
- Parallel Optics
- InfiniBand
- Emerging 40 and 100Gbps Protocols

### Standards Compliance

- TIA/EIA-568-C.3 and ISO/IEC 11801
- IEC-61754-7 & EIA/TIA-604-5
- NFPA 262 (OFNP) or IEC 60332 (LSZH) TIA/EIA 568-B.1-7
- This product conforms to the materials requirements of RoHS2
- REACH and SvHC

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Fiber type		Fiber count	Connector end A	Gender side A	Connector end B	Gender side B	Polarity	Length (m)
A	B	12	S	F	S	F	A	X
OM1	OM2	12	MTP Standard	Female	MTP Standard	Female	A	x
C	D	24	E	M	E	M	B	
OM3	OM4	24	MTP Elite	Male	MTP Elite	Male	B	
E	F	48					C	
OS2	G657.A1/A2	48					C	

Ordering Information	Description	Part Number
	MTP Trunk Cable	MTP-XXXXXXXX-X
Packaging	Description	
	Clear poly bag, 1unit per bag	
Physical Characteristics	Parameter	Value
	Fiber	OS1/OS2, G657A1, OM1, OM2, OM3, OM4
	MTP Terminations	MTP® 24 Fiber Ferrule US Conec Boot Colour: Black Body Sleeve Colour: MM (Beige), MM Elite (Aqua), SM (Green), SM Elite (Yellow)
	Cable Diameter	Micro Cable Trunk Max OD 24 cores 4.5 ± 0.3 mm Patchlead Max OD 24 cores 3.0 ± 0.1 mm
	Crush Resistance	Double Jacket Micro Cable: 1000N/100mm Single Jacket Micro Cable: 500N/100mm
	Cable Tensile Strength	Double Jacket Micro Cable (24 Core) (Short/Long) 400N/150N Single Jacket Micro Cable (24 Core) (Short/Long) 200N/60N
	Cable Strength Member	Aramid
	Pulling Element	Rope Attached to Aramid
Mechanical Characteristics	Parameter	Value
	Operating temperature	-20 ~ +60°C
	Storage temperature	-20 ~ +60°C
	Installation temperature	-5 ~ +50°C



**Oxin Group S.A.**

Head-office: 5, bd du General Martial Valin,  
75736 Paris Cedex 13 - France

Web: [www.OxinGroup.net](http://www.OxinGroup.net)

E-mail: [info@oxingroup.net](mailto:info@oxingroup.net)

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