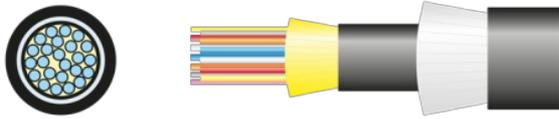


opticalCON MTP® 24 X-TREME



The opticalCON MTP® cable connector offers 24 optical channels (multimode PC or single mode APC), based on conventional and proven MTP® connectivity technology, protected within a rugged and durable metal housing. A unique feature is the automatically operated protective shutter, which safeguards the fiber from dust and dirt when unmated.



Furthermore, the opticalCON features the proven push-pull locking mechanism and excellent strain relief.

The cable connector is pre-assembled and not available as a single component. The assembled cable, including an additional protective cap, is offered in various lengths and is delivered in a case, on a drum, or coiled.

Features & Benefits

- ✓ opticalCON X-TREME cable for demanding applications such as touring/rental or outside broadcast
- ✓ opticalCON multimode fiber cables with laser-optimized and bend-insensitive OM3 fibers
- ✓ Cut-resistant and rodent-protected double-jacket glass yarn armored cable construction
- ✓ Robust 24-channel fiber optic system
- ✓ Suitable for point-to-point multi-channel routing
- ✓ Innovative spherical shutter ensures low maintenance effort

- ✓ Dust and water resistant according to IP65 protection class when mated

Technical Information

Product	
Title	opticalCON MTP® 24 X-TREME Cable Assembly

Electrical	
Cable retention	500 N
Insertion force	< 45 N
Withdrawal force	< 45 N
Lifetime (typ.)	2'500 mating cycles
Wiresize	
Locking device	Push-Pull

Material	
Boot	Rubber (EPDM)
Bushing	Zinc diecast (ZnAl4Cu1)
Insert	Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium
Strain relief	Brass (CuZn39Pb3) + PU, Ni

Environmental	
Temperature range	-40 °C to +75 °C
Protection class	in mated condition IP65

Optical data

Insertion attenuator	< 0.9 dB / connection
Optical connector	MTP® ELITE female
Optical wiring	Method A

Mobile cable

Colour	black, matte
Core diameter	Single 9 µm, Multimode µm OM3
Sleeve diameter	125 µm
Coat	PUR
Minimum bending radius	8.0 cm
Number of fibers	24
Strain relief	Aramid yam
Weight	103 kg/km
Overall diameter	8.0 mm