

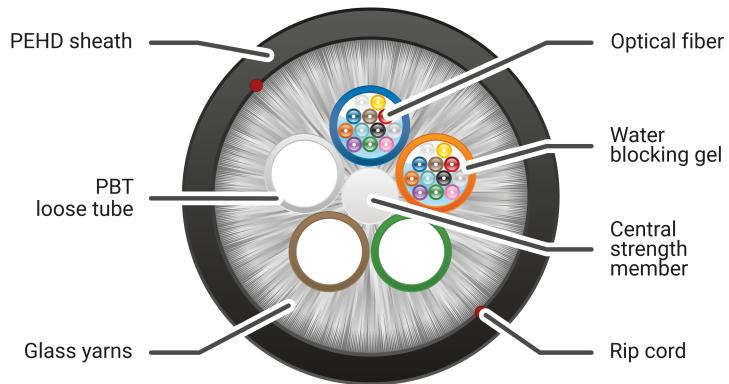
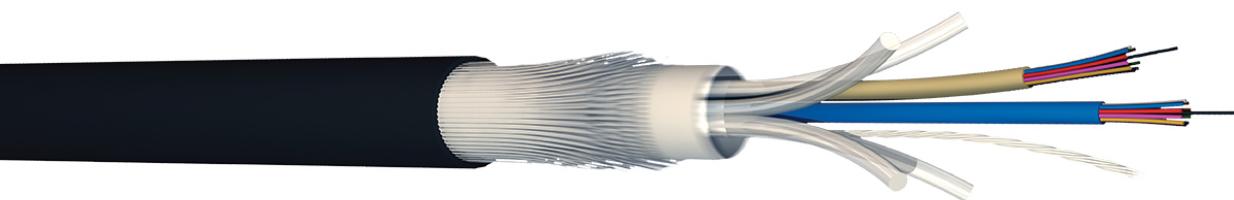
EXTMT48OS2

OS2 48 cores loose multi-tube optical fiber cable - PEHD sheath - Outdoor



DESCRIPTION

EXTMT fibers are intended for outdoor installations, notably due to their construction featuring a UV-resistant HDPE jacket. These optical fibers are available in singlemode or multimode versions, up to 288 fibers in multi-tube configurations, and comply with IEC, ITU and TIA specifications.



ADVANTAGES

- Good protection against rodents
- Excellent watertightness
- All-dielectric armor
- Multi-tube cable can contain up to 288 fibers
- Black polyethylene sheath for good UV resistance



CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	EXTMTxxxx
Color	Black RAL 9005
Minimum diameter of the outer sheath (mm)	10.4
Nom. diameter of the outer sheath (mm)	10.7
Max. diameter of the outer sheath (mm)	11
Number of active tubes	4
Total number of tubes	4
Number of Optical Fibers	48
Number of Fibers per Tube	12
Sheath Type	PEHD

ELECTRICAL CHARACTERISTICS

Optical Performance	OS2
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TRANSMISSION CHARACTERISTICS

Data Transmission Standard	ISO 11801-1 et TIA 568-3.D
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MECHANICAL CHARACTERISTICS

Structure	Libre
Max Short-Term Tensile Strength	2700 N
Max Long-Term Tensile Strength	1600 N
Bending Radius in Fixed Installation	20 x Ø ext
Bending Radius in Mobile Installation	20 x Ø ext
Max Short-Term Crush Resistance	4000N
Max Long-Term Crush Resistance	3000 N/dm
Impact Resistance	5J

ENVIRONMENTAL CHARACTERISTIC

CPR classification	Fca
Fire behaviour	IEC 60332-1
UV Resistance	No
Component Standard	IEC 60794-1-2

ADDITIONAL INFORMATION

Product Packaging	Drum of 4000m
Weight (Kg)	0.054

Additional Information

Code couleur des fibres suivant les normes
TIA/EIA 598A et IEC 304

