

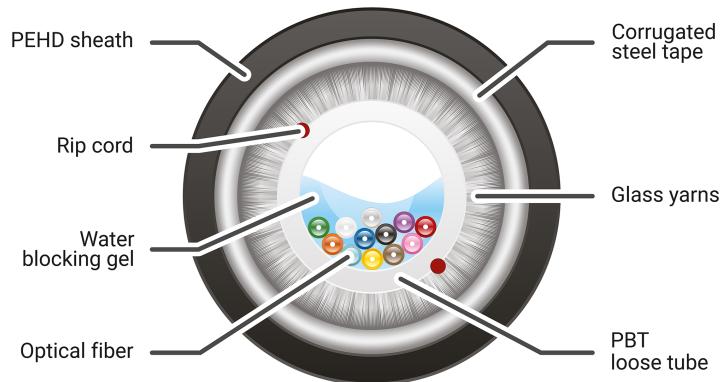
EXTALCT24OS2

OS2 24 cores central loose tube optical fiber cable Steel armored PEHD sheath Outdoor



DESCRIPTION

EXTALCT fibers are intended for outside-plant links and for insertion into ducts thanks to their HDPE sheath. They are also used for direct-burial applications thanks to their steel armor, which also provides excellent rodent protection. These optical fibers are available in single-mode or multimode versions, up to 24 fibers in a central tube, and meet IEC, ITU and TIA specifications.



ADVANTAGES

- 2 levels of protection against rodents: normal and enhanced (R)
- Excellent watertightness
- High crushing resistance
- Can be buried without protection
- Black polyethylene sheath for good UV resistance



CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	EXTALCTxxxx
Overall Armor	Armure Acier
Color	Black RAL 9005
Minimum diameter of the outer sheath (mm)	7.7
Nom. diameter of the outer sheath (mm)	8
Max. diameter of the outer sheath (mm)	8.3
Number of active tubes	1
Total number of tubes	1
Number of Optical Fibers	24
Number of Fibers per Tube	24
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	3000 N
Max Long-Term Tensile Strength	1500 N
Bending Radius in Fixed Installation	20 x Ø ext
Bending Radius in Mobile Installation	20 x Ø ext
Max Short-Term Crush Resistance	1500
Max Long-Term Crush Resistance	4000 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)	0.095

Additional Information

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

