

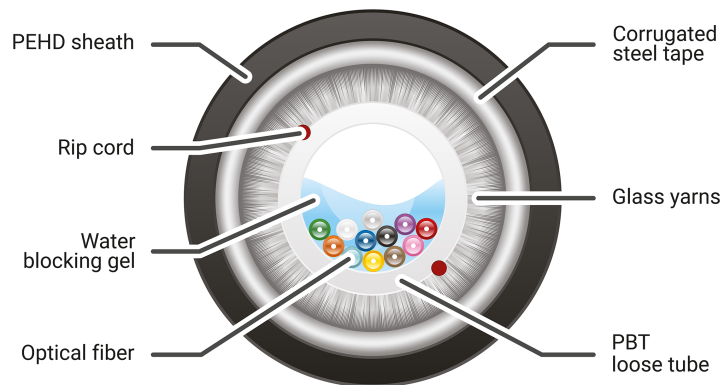
EXTALCT12OS2

OS2 12 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	EXTALCTxyyy
Overall Armor	Armure Acier
Color	Black RAL 9005
Minimum diameter of the outer sheath (mm)	7.1
Nom. diameter of the outer sheath (mm)	7.4
Max. diameter of the outer sheath (mm)	7.7
Number of active tubes	1
Total number of tubes	1
Number of Optical Fibers	12
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	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)	0.091

Additional Information

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

1	2	3	4	5	6	7	8	9	10	11	12
											