

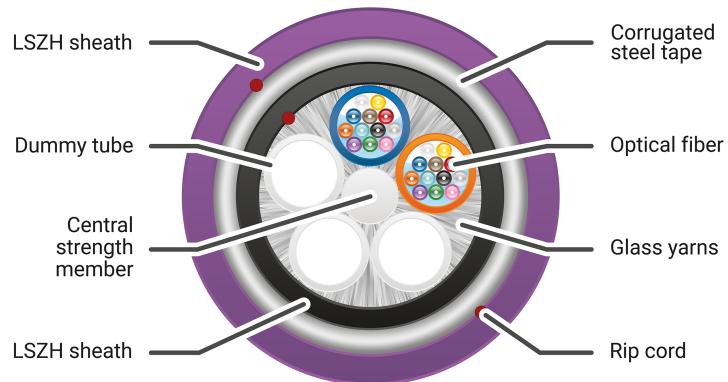
EXTALSH48OS2BP

OS2 48 cores multi loose tube optical fiber cable Steel armored LSZH double sheath Outdoor B2ca



DESCRIPTION

The LAN optical cable can be used outdoors or for direct burial. The single-mode fiber exceeds IEC, ITU and EIA/TIA standards. It contains up to 48 fibers in colored PBT tubes for easy identification, helically assembled around a central strength member. A water-blocking fiberglass yarn protects against moisture and rodents. An LSZH jacket and steel armour provide mechanical and UV protection.



ADVANTAGES

- Excellent protection against rodents
- From 24 FO to 144 FO
- UV resistant



CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	EXTALSHxxOS2BPy
Overall Armor	Armure Acier
Color	Purple RAL 4005
Minimum diameter of the outer sheath (mm)	13.5
Nom. diameter of the outer sheath (mm)	14
Max. diameter of the outer sheath (mm)	14.5
Number of active tubes	4
Total number of tubes	6
Number of Optical Fibers	48
Number of Fibers per Tube	12
Sheath Type	LSZH

ELECTRICAL CHARACTERISTICS

Optical Performance	OS2
---------------------	-----

TRANSMISSION CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

Structure	Libre
Max Short-Term Tensile Strength	1800 N
Max Long-Term Tensile Strength	1000 N
Bending Radius in Fixed Installation	15 x Ø ext
Bending Radius in Mobile Installation	15 x Ø ext
Max Short-Term Crush Resistance	1000
Max Long-Term Crush Resistance	3000 N/dm
Impact Resistance	5J

ENVIRONMENTAL CHARACTERISTIC

CPR classification	B2ca s1a, d0, a1
Fire behaviour	IEC 60331-25
Smoke emission	IEC 61034-1 & -2
Gas emission	IEC 60754-2
UV Resistance	No
Component Standard	IEC 60794-1-2

Additional Information

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

