

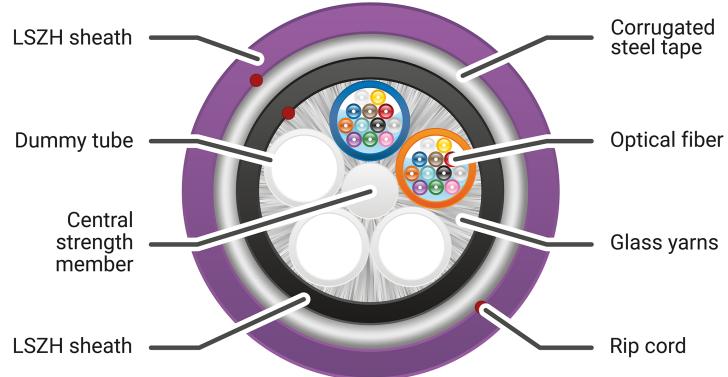
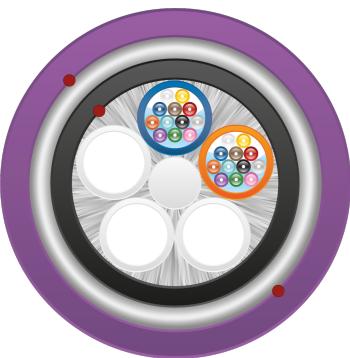
## EXTALSH12OS2BP

**OS2 12 cores multi loose tube optical fiber cable Steel armored LSZH double sheath Outdoor B2ca**



### DESCRIPTION

The optical cable for LAN applications is suitable for outdoor use or direct burial. It contains up to 48 single-mode fibers, exceeding IEC, ITU and EIA/TIA standards, housed in colored PBT tubes for easy identification. The tubes are stranded around a central strength member and protected by glass-fiber yarns for rodent and moisture resistance. An LSZH jacket and steel armor protect the cable, which is UV-resistant.



### 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	1
Total number of tubes	6
Number of Optical Fibers	12
Number of Fibers per Tube	12
Sheath Type	LSZH

## 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	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

