

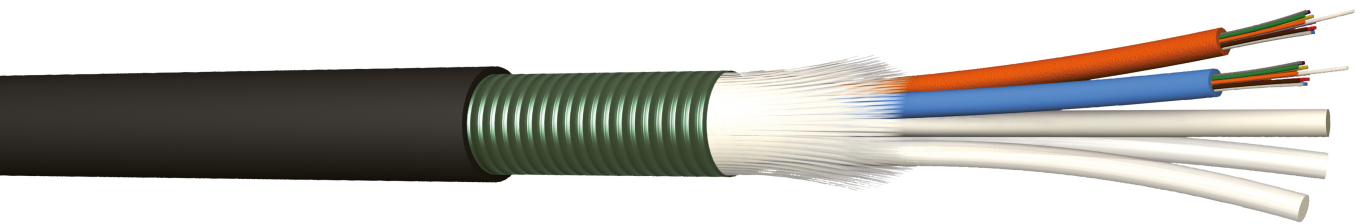
EXTALMT48OS2

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



## DESCRIPTION

EXTALMT fibers are intended for outdoor installations in ducts or for direct burial, notably due to their construction combining an HDPE jacket and steel armor. 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

- Excellent protection against rodents
- Excellent watertightness and crush protection
- From 24 FO to 288 FO
- Can be buried without protection
- UV resistant



**CONSTRUCTION & TECHNICAL PERFORMANCE**

Product Type	EXTALMTxxyyy
Color	Black RAL 9005
Minimum diameter of the outer sheath (mm)	12.5
Nom. diameter of the outer sheath (mm)	13
Max. diameter of the outer sheath (mm)	13.5
Number of active tubes	4
Total number of tubes	6
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	3600 N
Max Long-Term Tensile Strength	2000 N
Bending Radius in Fixed Installation	20 x Ø ext
Bending Radius in Mobile Installation	20 x Ø ext
Max Short-Term Crush Resistance	3000
Max Long-Term Crush Resistance	2500 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)	0.148

## 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
