

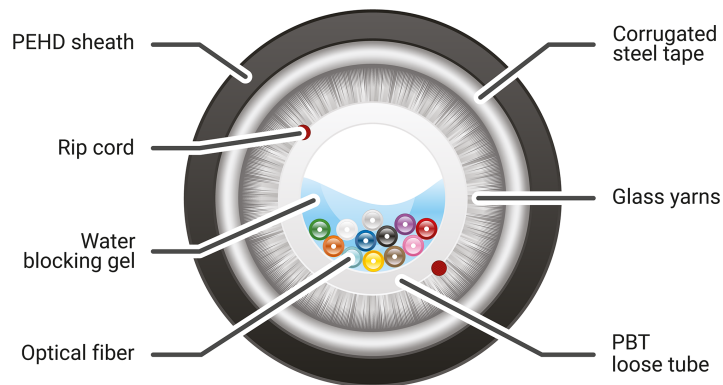
## EXTALCT6OS2

OS2 6 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                  | 6              |
| Number of Fibers per Tube                 | 6              |
| Sheath Type                               | PEHD           |

**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       | 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

