

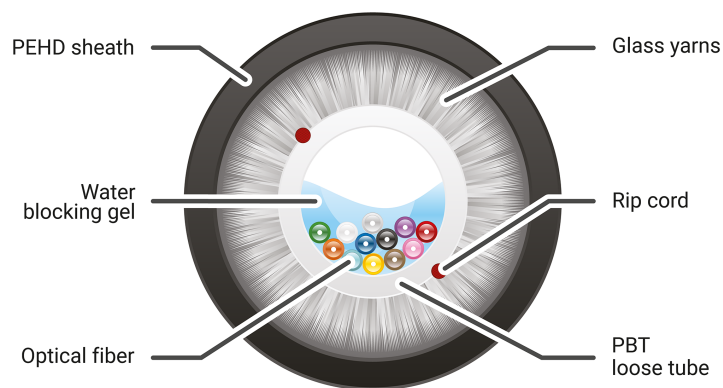
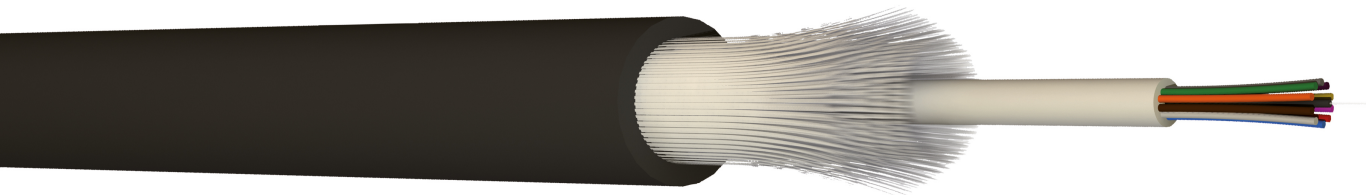
EXTCT12OM4

OM4 12 cores loose tube optical fiber  
cable - PEHD sheath - Outdoor



## DESCRIPTION

The EXTCT fibers are intended for outdoor applications thanks to their HDPE jacket providing excellent UV and moisture protection. They are available in singlemode or multimode versions, up to 24 fibers in a central tube, and meet IEC, ITU and TIA specifications.



## ADVANTAGES

- Good protection against rodents
- Excellent watertightness
- All-dielectric armor
- Black polyethylene sheath for good UV resistance



Updated: 1/02/2026

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**CONSTRUCTION & TECHNICAL PERFORMANCE**

|                                           |                |
|-------------------------------------------|----------------|
| Product Type                              | EXTCTxxyyy     |
| Color                                     | Black RAL 9005 |
| Minimum diameter of the outer sheath (mm) | 6.2            |
| Nom. diameter of the outer sheath (mm)    | 6.5            |
| Max. diameter of the outer sheath (mm)    | 6.8            |
| 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 | OM4 |
|---------------------|-----|

**TRANSMISSION CHARACTERISTICS**

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

**MECHANICAL CHARACTERISTICS**

|                                       |            |
|---------------------------------------|------------|
| Structure                             | Libre      |
| Max Short-Term Tensile Strength       | 2000 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       | 2000       |
| Max Long-Term Crush Resistance        | 2000 N/dm  |
| Impact Resistance                     | 4J         |

**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)       | 0.056         |

## 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                                                                                |
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