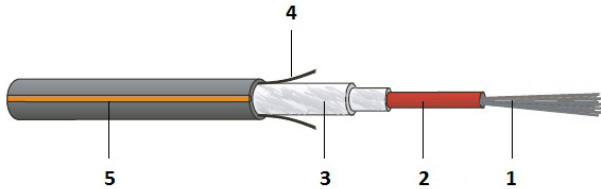


## FO Outdoor ZGGT HP / A-DQ(ZN)B2Y

HighP Euroclass Fca

central tube design, metal-free,  
longitudinally watertight, rodent protection



- 1 ≤ 24 fibres
- 2 Loose tube
- 3 Glass armour
- 4 Ripcord
- 5 HDPE sheath



### Description

Robust, metal-free fibre optic outdoor cable with one central loose tube and up to 24 fibres.  
High tensile strength and high radial load strength for the highest transmission security.  
Lightweight and installation friendly cable construction.  
Non-metallic rodent protection.  
The two coloured ripcords are easy to identify and enable the safe opening of the cable sheath.  
HDPE cable sheath, easy to lay.

### Applicazione

For pulling in or blowing through thermoplastic duct systems.  
Suitable for laying in cable platforms, cable shafts  
and even in very complex cable trays.  
Direct burial.

### Costruzione

|                                    |              |
|------------------------------------|--------------|
| Armatura (protezione per roditori) | rodent proof |
| Outer sheath material              | PE           |

## Proprietà generali

|                          |   |
|--------------------------|---|
| Impronta                 | DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks» |
| Installation temperature | -10 °C - +50 °C   |
| Integrità del circuito   | No  |
| Operating temperature    | -40 °C - +70 °C   |
| Storage temperature      | -40 °C - +70 °C   |

## Standards

|                                 |  |
|---------------------------------|--|
| Tensile performance             | IEC 60794-1-21 E1                                |
| Crush resistance                | IEC 60794-1-21 E3                                |
| Impact                          | IEC 60794-1-21 E4                                |
| Repeated bending                | IEC 60794-1-21 E6                                |
| Torsion                         | IEC 60794-1-21 E7                                |
| Bend                            | IEC 60794-1-21 E11                               |
| Water penetration               | IEC 60794-1-22 F5                                |
| Reaction to fire (Euroclasses)  | EN 13501-6: F <sub>ca</sub>                      |
| Zero halogen no corrosive gases | IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2 |

## Versions

| Numero Materiale | Product            | Reaction To Fire | Outer sheath colour | Fibre type         | Diametro esterno della guaina [mm] | Raggio di curvatura [mm] | Weight [kg\ km] | Tensile load [N] | Crush resistance short term [N] | Crush resistance continuous [N] | Fire load [kWh\m] | Packing unit |
|------------------|--------------------|------------------|---------------------|--------------------|------------------------------------|--------------------------|-----------------|------------------|---------------------------------|---------------------------------|-------------------|--------------|
| 19016600FZ       | FO Outdoor HP 1x4  | Fca              | nera                | E9/125 G.652.D OS2 | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 19212100FZ       | FO Outdoor HP 1x4  | Fca              | nera                | G50/125 OM3        | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 19608900FZ       | FO Outdoor HP 1x4  | Fca              | nera                | G50/125 OM4        | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 19016700FZ       | FO Outdoor HP 1x6  | Fca              | nera                | E9/125 G.652.D OS2 | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 19074700FZ       | FO Outdoor HP 1x6  | Fca              | nera                | G50/125 OM3        | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 19016800FZ       | FO Outdoor HP 1x8  | Fca              | nera                | E9/125 G.652.D OS2 | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 19609000FZ       | FO Outdoor HP 1x8  | Fca              | nera                | G50/125 OM4        | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 19016900FZ       | FO Outdoor HP 1x12 | Fca              | nera                | E9/125 G.652.D OS2 | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 18636100FZ       | FO Outdoor HP 1x12 | Fca              | nera                | G50/125 OM3        | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 19261000FZ       | FO Outdoor HP 1x12 | Fca              | nera                | G50/125 OM4        | 8,2                                | 130                      | 75              | 2.500            | 10.000                          | 6.000                           | 0,558             | al metro     |
| 19014900FZ       | FO Outdoor HP 1x24 | Fca              | nera                | E9/125 G.652.D OS2 | 8,6                                | 135                      | 80              | 2.500            | 10.000                          | 6.000                           | 0,589             | al metro     |
| 19264500FZ       | FO Outdoor HP 1x24 | Fca              | nera                | G50/125 OM3        | 8,6                                | 135                      | 80              | 2.500            | 10.000                          | 6.000                           | 0,589             | al metro     |
| 19216700FZ       | FO Outdoor HP 1x24 | Fca              | nera                | G50/125 OM4        | 8,6                                | 135                      | 80              | 2.500            | 10.000                          | 6.000                           | 0,589             | al metro     |