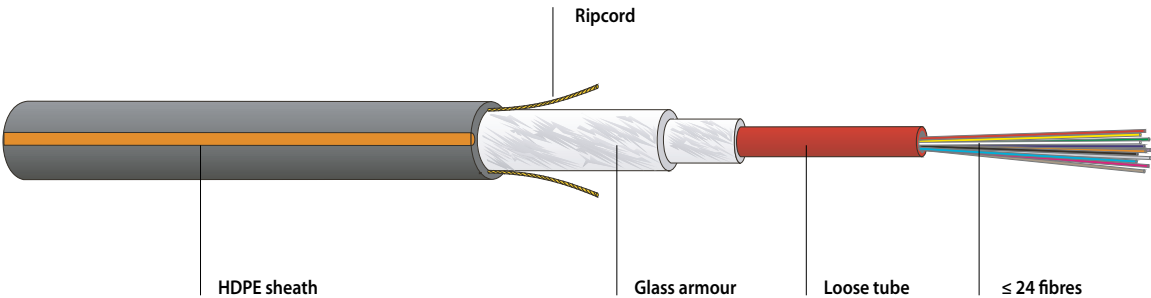


FIBRE OPTIC OUTDOOR CABLES

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

HighP

central tube design, non metallic,  
water resistant, rodent protection



PRODUCT INFORMATION



FEATURES

Robust, non metallic 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.

APPLICATION

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.

OPTICAL CHARACTERISTICS

The cables are available with different types of optical fibre (see fibre data sheet).

MECHANICAL CHARACTERISTICS

|                      |                      |             |                  |
|----------------------|----------------------|-------------|------------------|
| Temperature range    | storage:             | -40 / +70°C | IEC 60794-1-2 F1 |
|                      | during installation: | -10 / +50°C |                  |
|                      | in operation:        | -40 / +60°C |                  |
| Tensile performance: | IEC 60794-1-2 E1     |             |                  |
| Crush resistance:    | IEC 60794-1-2 E3     |             |                  |
| Impact:              | IEC 60794-1-2 E4     |             |                  |
| Repeated bending:    | IEC 60794-1-2 E6     |             |                  |
| Torsion:             | IEC 60794-1-2 E7     |             |                  |
| Bend:                | IEC 60794-1-2 E11    |             |                  |
| Water penetration:   | IEC 60794-1-2 F5     |             |                  |

GENERAL CHARACTERISTICS

Imprint:

DATWYLER «cable type» «Datwyler designation» «DIN designation»

«number of fibres» «fibre type» «additional text» «batch number»

~ ~ «meter marks» ~ ~

 Zero halogen,  
non corrosive gases
 

IEC 60754-1/-2, EN 50267-2-1/2-2, VDE 0482-267-2-1/-2-2

GF-1310 ZGGT 2500 HighP 0712/e

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## PRODUCT INFORMATION

| Description       | No. of fibres | Loose tube | Sheath Ø | Weight | Bending radius | Tensile load | Crush resistance |              | Fire load |       |
|-------------------|---------------|------------|----------|--------|----------------|--------------|------------------|--------------|-----------|-------|
| A-DQ(ZN)B2Y 1 x m | max.          |            | mm       | kg/km  | mm             | N            | continuous N     | short term N | kWh/km    | MJ/km |
| ZGGT HighP 1 x 12 | 12            | 1          | 8.5      | 65     | 130            | 2500         | 6000             | 10000        | 558       | 2009  |
| ZGGT HighP 1 x 24 | 24            | 1          | 9.0      | 70     | 135            | 2500         | 6000             | 10000        | 589       | 2120  |

## VERSIONS

| A-DQ(ZN)B2Y 1 x m |        | Fibres | Article No.    | Article No. | Article No. | Article No.   |
|-------------------|--------|--------|----------------|-------------|-------------|---------------|
| Description       |        | number | E9/125 G.652.D | G50/125 OM2 | G50/125 OM3 | G62.5/125 OM1 |
| ZGGT HighP        | 1 x 4  | 4      | 190166         | 186320      | 191121      | 186379        |
| ZGGT HighP        | 1 x 6  | 6      | 190167         | 186481      | 190747      | 186483        |
| ZGGT HighP        | 1 x 8  | 8      | 190168         | 186480      | on request  | 186484        |
| ZGGT HighP        | 1 x 12 | 12     | 190169         | 185937      | 186361      | 185945        |
| ZGGT HighP        | 1 x 24 | 24     | 190149         | 186660      | on request  | on request    |