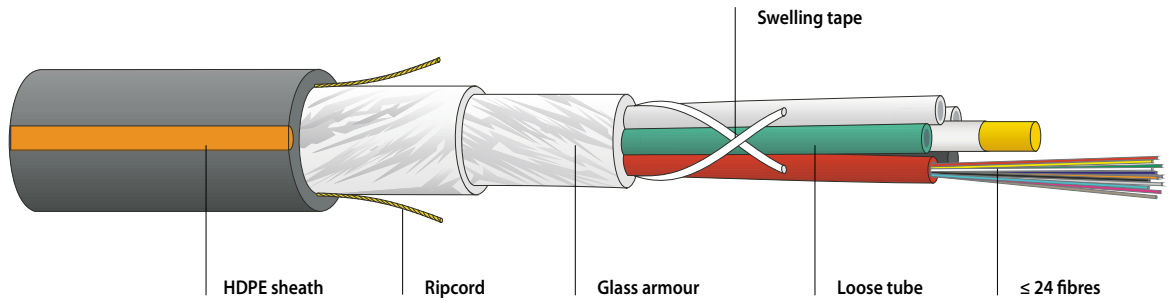


FIBRE OPTIC OUTDOOR CABLES

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

HighP

non metallic, dry interstices,
water resistant, rodent protection



PRODUCT INFORMATION



FEATURES

Robust, non metallic fibre optic outdoor cable with stranded loose tubes in one layer.
High crush resistance for high transmission reliability.
Easy handling due to the use of dry strand interstices.
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 trays and even in complex cable trays.
Direct burial.

OPTICAL CHARACTERISTICS


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

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

- Copper
- Fibre Optics
- Cabinets & Racks
- Data Centre
- Wireless
- Multimedia
- General Information

GF-1312-wbGGT HighP 0712/e

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non metallic, dry interstices,
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PRODUCT INFORMATION

| Description A-DQ(ZN)B2Y n x m | No. of fibres | Loose tubes | Sheath Ø mm | Weight kg/km | Bending radius mm | Tensile load N | Crush resistance | | Fire load | |
|----------------------------------|---------------|-------------|----------------|-----------------|----------------------|-------------------|------------------|--------------|-----------|-------|
| | | | | | | | continuous N | short term N | kWh/km | MJ/km |
| wbGGT5 HighP 5 x 12 | 60 | 5 | 12.0 | 128 | 180 | 9000 | 3000 | 8000 | 1040 | 3744 |
| wbGGT6 HighP 6 x 12 | 72 | 6 | 12.8 | 146 | 195 | 9000 | 3000 | 8000 | 1137 | 4093 |
| wbGGT8 HighP 8 x 12 | 96 | 8 | 14.0 | 160 | 210 | 9000 | 3000 | 8000 | 1305 | 4699 |
| wbGGT10 HighP 10 x 12 | 120 | 10 | 15.4 | 190 | 230 | 9000 | 3000 | 8000 | 1491 | 5365 |
| wbGGT12 HighP 12 x 12 | 144 | 12 | 16.9 | 223 | 255 | 9000 | 3000 | 8000 | 1707 | 6145 |
| wbGGT6 HighP 6 x 24 | 144 | 6 | 13.8 | 167 | 205 | 9000 | 3000 | 8000 | 1291 | 4655 |
| wbGGT8 HighP 8 x 24 | 192 | 8 | 15.0 | 190 | 225 | 9000 | 3000 | 8000 | 1583 | 5704 |
| wbGGT10 HighP 9 x 24 | 216 | 10 | 17.0 | 250 | 255 | 9000 | 3000 | 8000 | 1993 | 7175 |
| wbGGT12 HighP 12 x 24 | 288 | 12 | 18.8 | 273 | 285 | 9000 | 3000 | 8000 | 2453 | 8832 |

VERSIONS

| A-DQ(ZN)B2Y n x m Description | Fibres number | Article No. E9/125 G.652.D | Article No. G50/125 OM2 | Article No. G50/125 OM3 | Article No G62.5/125 OM1 |
|----------------------------------|------------------|-------------------------------|----------------------------|----------------------------|-----------------------------|
| wbGGT5 HighP 1 x 12 | 12 | 190059 | 186627 | 190651 | 186455 |
| wbGGT5 HighP 2 x 12 | 24 | 186748 | 186437 | 190368 | 186399 |
| wbGGT5 HighP 3 x 12 | 36 | 190058 | 186438 | on request | 186457 |
| wbGGT5 HighP 4 x 12 | 48 | 187385 | 186439 | 190369 | 186458 |
| wbGGT5 HighP 5 x 12 | 60 | 190171 | on request | on request | 191838 |
| wbGGT6 HighP 6 x 12 | 72 | 190172 | 191782 | on request | on request |
| wbGGT8 HighP 8 x 12 | 96 | 186760 | 190372 | on request | on request |
| wbGGT10 HighP 10 x 12 | 120 | 190175 | on request | 192697 | on request |
| wbGGT12 HighP 12 x 12 | 144 | 187394 | on request | 190311 | on request |
| wbGGT6 HighP 6 x 24 | 144 | 190764 | on request | on request | on request |
| wbGGT8 HighP 8 x 24 | 192 | 191270 | on request | on request | on request |
| wbGGT10 HighP 9 x 24 | 216 | 190696 | on request | on request | on request |
| wbGGT12 HighP 12 x 24 | 288 | 190325 | on request | on request | on request |