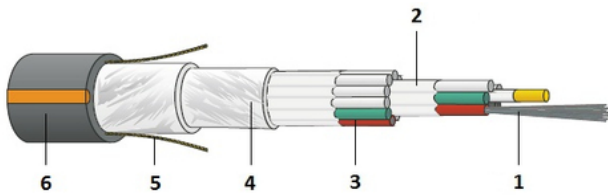


FO Outdoor wbGGT HP / A-DQ(ZN)B2Y

HighP, 2-layer Euroclass Fca
metal-free, dry interstices,
longitudinally watertight, rodent protection



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



DESCRIPTION

Compact fibre optic outdoor cable with up to 576 fibres for city and access networks.
2-layer loose tube construction, longitudinally water protected and with dry strand interstices.
The glass armour provides for a combined non-metallic rodent protection and strain relief.
The two coloured ripcords are easy to identify and enable the safe opening of the cable sheath.
HDPE cable sheath, easy to lay.
Direct burial.

APPLICATION

Optimised for blowing into compact thermoplastic ducts.

OPTICAL PROPERTIES

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

MECHANICAL PROPERTIES

Temperature range	storage:	-40 / +70°C	IEC 60794-1-22 F1
	during installation:	-10 / +50°C	
	in operation:	-40 / +60°C	
Tensile performance:	IEC 60794-1-21 E1		
Crush resistance:	IEC 60794-1-21 E3		
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		

STANDARDS

Reaction to fire (Euroclass)	EN 13501-6: F _{ca}
Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Zero halogen, no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2


VERSIONS

Article No.	DoP	Product	Reaction to fire (Euroclass)	Number of fibres	Loose Tubes	Sheath colour	Fibre type	Sheath Ø [mm]	Weight [kg/km]	Bending radius [mm]	Tensile load [N]	Crush resistance continuous [N]	Crush resistance short term [N]	Fire load [KWh/m]	PU
19070900FZ		FO Outdoor HP 2L 15x12	Fca	180	18	black	E9/125 G.652.D OS2	18.9	268	470	9000	3000	5000	2.492	by the metre
19069900FZ		FO Outdoor HP 2L 16x12	Fca	192	18	black	E9/125 G.652.D OS2	18.9	268	470	9000	3000	5000	2.492	by the metre
19017600FZ		FO Outdoor HP 2L 18x12	Fca	216	18	black	E9/125 G.652.D OS2	18.9	268	470	9000	3000	5000	2.492	by the metre
19169300FZ		FO Outdoor HP 2L 20x12	Fca	240	24	black	E9/125 G.652.D OS2	22	333	550	9000	3000	5000	2.568	by the metre
19039900FZ		FO Outdoor HP 2L 24x12	Fca	288	24	black	E9/125 G.652.D OS2	22	333	550	9000	3000	5000	2.568	by the metre

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19017800FZ		FO Outdoor HP 2L 18x24	Fca	432	18	black	E9/125 G.652.D OS2	20.2	336	515	9000	3000	5000	3.115	by the metre
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