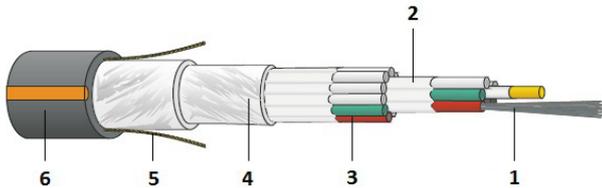


FO Outdoor wbGGT HP City / A-DQ(ZN)B2Y

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.

Construction

Armouring (rodent protection)	rodent protected
Outer sheath material	HDPE

General properties

Maximum number of fibres	576
Installation temperature	-10 °C - +50 °C
Storage temperature	-40 °C - +70 °C
Operating temperature	-40 °C - +70 °C
Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Field of application	Outdoor

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
Temperature cycling	IEC 60794-1-22 F1
Water penetration	IEC 60794-1-22 F5
Reaction to fire	EN 13501-6
Euroclass	F _{ca}
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2

Versions

Material number	Product	Reaction to fire	Outer sheath colour	Fibre type	Fibre category	Outer sheath diameter [mm]	Bending radius [mm]	Weight [kg/km]	Tensile load [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Fire load [kWh/m]	Packing unit	GTIN / EAN
19017800FZ	FO Outdoor wbGGT HP City 18x24	Fca	black/orange	E9/125 G.652.D OS2	OS2	20.2	515	336	9,000	5,000	3,000	3.115	by the metre	
19720400FZ	FO Outdoor wbGGT HP City 24x24	Fca	black/orange	E9/125 G.652.D OS2	OS2	19.6	300	310	9,000	5,000	3,000	2.346	by the metre	

Subject to technical modification

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