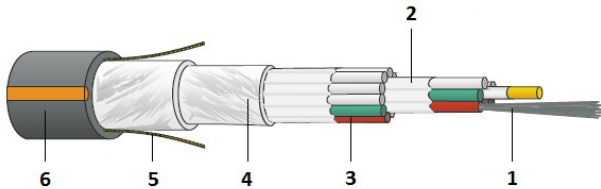


FO Outdoor wbGGT HP City / A-DQ(ZN)B2Y

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

Circuit Integrity	No
Field of application	Outdoor
Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Installation temperature	-10 °C - +50 °C
Storage temperature	-40 °C - +70 °C
Operating 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 E6
Repeated bending	IEC 60794-1-21 E7
Torsion	IEC 60794-1-21 E11
Bend	IEC 60794-1-22 F5
Reaction to fire (Euroclasses)	EN 13501-6: 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	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
19070900FZ	FO Outdoor HP City 15x12	Fca	black	E9/125 G.652.D OS2	18.9	470	268	9,000	5,000	3,000	2.492	by the metre
19069900FZ	FO Outdoor HP City 16x12	Fca	black	E9/125 G.652.D OS2	18.9	470	268	9,000	5,000	3,000	2.492	by the metre
19017600FZ	FO Outdoor HP City 18x12	Fca	black	E9/125 G.652.D OS2	18.9	470	268	9,000	5,000	3,000	2.492	by the metre
19169300FZ	FO Outdoor HP City 20x12	Fca	black	E9/125 G.652.D OS2	22	550	333	9,000	5,000	3,000	2.568	by the metre
19039900FZ	FO Outdoor HP City 24x12	Fca	black	E9/125 G.652.D OS2	22	550	333	9,000	5,000	3,000	2.568	by the metre
19017800FZ	FO Outdoor HP City 18x24	Fca	black	E9/125 G.652.D OS2	20.2	515	336	9,000	5,000	3,000	3.115	by the metre
19720400FZ	FO Outdoor HP City 24x24	Fca	black	E9/125 G.652.D OS2	19.6	300	310	9,000	5,000	3,000	2.346	by the metre