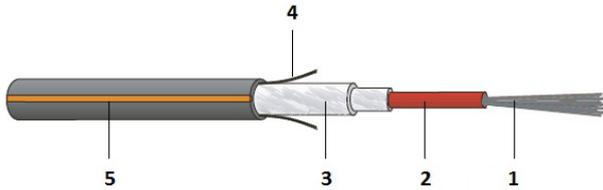


FO Outdoor ZGGT HP / A-DQ(ZN)B2Y

HighP Euroclass Fca

central tube design, metal-free,
longitudinally watertight, rodent protection



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



Description

Robust, metal-free 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.

Construction

Armouring (rodent protection)	rodent protected
Outer sheath material	HDPE

General properties

Maximum number of fibres	24
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
19016600FZ	FO Outdoor ZGGT HP 1x4	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.2	130	75	2,500	10,000	6,000	0.558	by the metre	
19212100FZ	FO Outdoor ZGGT HP 1x4	Fca	black/orange	G50/125 OM3	OM3	8.2	130	75	2,500	10,000	6,000	0.558	by the metre	
19608900FZ	FO Outdoor ZGGT HP 1x4	Fca	black/orange	G50/125 OM4	OM4	8.2	130	75	2,500	10,000	6,000	0.558	by the metre	
19016700FZ	FO Outdoor ZGGT HP 1x6	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.2	130	75	2,500	10,000	6,000	0.558	by the metre	
19074700FZ	FO Outdoor ZGGT HP 1x6	Fca	black/orange	G50/125 OM3	OM3	8.2	130	75	2,500	10,000	6,000	0.558	by the metre	
19016800FZ	FO Outdoor ZGGT HP 1x8	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.2	130	75	2,500	10,000	6,000	0.558	by the metre	
19016900FZ	FO Outdoor ZGGT HP 1x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.2	130	75	2,500	10,000	6,000	0.558	by the metre	
18636100FZ	FO Outdoor ZGGT HP 1x12	Fca	black/orange	G50/125 OM3	OM3	8.2	130	75	2,500	10,000	6,000	0.558	by the metre	
19261000FZ	FO Outdoor ZGGT HP 1x12	Fca	black/orange	G50/125 OM4	OM4	8.2	130	75	2,500	10,000	6,000	0.558	by the metre	
19014900FZ	FO Outdoor ZGGT HP 1x24	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.6	135	80	2,500	10,000	6,000	0.589	by the metre	
19264500FZ	FO Outdoor ZGGT HP 1x24	Fca	black/orange	G50/125 OM3	OM3	8.6	135	80	2,500	10,000	6,000	0.589	by the metre	
19216700FZ	FO Outdoor ZGGT HP 1x24	Fca	black/orange	G50/125 OM4	OM4	8.6	135	80	2,500	10,000	6,000	0.589	by the metre	