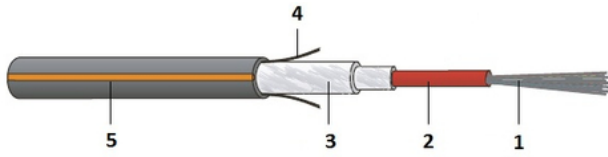


FO Outdoor ZGGT BL / A-DQ(ZN)B2Y



Basic Line Euroclass Fca
central loose tube, metal-free,
longitudinally watertight, rodent protection



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



DESCRIPTION

Metal-free fibre optic outdoor cable with central loose tube, up to 24 fibres.
For the use in cable ducts and for all applications with low mechanical stress (low tensile force, for example).
Non-metallic rodent protection.

APPLICATION

For pulling in or blowing through ducts.
Suitable for laying in cable platforms and cable shafts/trays.
Direct burial.

OPTICAL PROPERTIES

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

MECHANICAL PROPERTIES

Temperature range	storage:	-25°C / +70°C	IEC 60794-1-22 F1
	during installation:	-10°C / +50°C	
	in operation:	-25°C / +60°C	
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		
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
19613400FZ		FO Outdoor BL 1x2	Fca	2	1	black	E9/125 G.652.D OS2	7.3	48	110	1000	2000	5000	0.418	by the metre
19129200FZ		FO Outdoor BL 1x4	Fca	4	1	black	E9/125 G.652.D OS2	7.3	48	110	1000	2000	5000	0.418	by the metre
19125600FZ		FO Outdoor BL 1x6	Fca	6	1	black	E9/125 G.652.D OS2	7.3	48	110	1000	2000	5000	0.418	by the metre
19118800FZ		FO Outdoor BL 1x6	Fca	6	1	black	G50/125 OM3	7.3	48	110	1000	2000	5000	0.418	by the metre
18650000FZ		FO Outdoor BL 1x8	Fca	8	1	black	E9/125 G.652.D OS2	7.3	48	110	1000	2000	5000	0.418	by the metre
19019200FZ		FO Outdoor BL 1x12	Fca	12	1	black	E9/125 G.652.D OS2	7.3	48	110	1000	2000	5000	0.418	by the metre

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19119000FZ	FO Outdoor Fca BL 1x12	12	1	black	G50/125 OM3	7.3	48	110	1000	2000	5000	0.418	by the metre
19019300FZ	FO Outdoor Fca BL 1x24	24	1	black	E9/125 G.652.D OS2	8	45	120	1000	2000	5000	0.491	by the metre
19262600FZ	FO Outdoor Fca BL 1x12	12	1	black	E9/125 G.652.D BLO	7.3	48	110	1000	2000	5000	0.418	by the metre