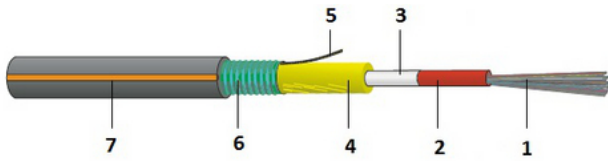


FO Outdoor ZwbKWT BL / A-DQ(ZN)(SR)2Y



Basic Line Euroclass Fca
central loose tube, longitudinally watertight,
corrugated steel tape, rodent proof



- 1 ≤ 24 fibres
- 2 Loose tube
- 3 Swelling tape
- 4 Aramid yarn
- 5 Ripcord
- 6 Corrugated steel tape
- 7 HDPE sheath



DESCRIPTION

Fibre optic outdoor cable with corrugated steel tape for optimal rodent protection.
Central loose tube, up to 24 fibres.
Dry construction.
Stable laying characteristics, easy installation in ducts.

APPLICATION

Installation in thermoplastic ducts.
Suitable for laying in cable platforms, cable shafts and even in complex cable trays, particularly where a reliable rodent protection is required.
Direct burial.

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		
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 (Euroclasses)	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 (Euroclasses)	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
19007200FZ		FO Outdoor BL 1x8	Fca	8		black	G50/125 OM3	8.2	68		1000 N	1500 N	4000 N	0.603	by the metre
18420800FZ		FO Outdoor BL 1x2	Fca	2	1	black	G50/125 OM2	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre
19020000FZ		FO Outdoor BL 1x4	Fca	4	1	black	E9/125 G.652.D OS2	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre
18017100FZ		FO Outdoor BL 1x4	Fca	4	1	black	G50/125 OM2	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre
19609800FZ		FO Outdoor BL 1x4	Fca	4	1	black	G50/125 OM3	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre
18737700FZ		FO Outdoor BL 1x6	Fca	6	1	black	E9/125 G.652.D	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre

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													OS2	
18420000FZ		FO Outdoor Fca BL 1x6	6	1	black	G50/125 OM2	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre
18738900FZ		FO Outdoor Fca BL 1x6	6	1	black	G50/125 OM3	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre
19020100FZ		FO Outdoor Fca BL 1x8	8	1	black	E9/125 G.652.D OS2	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre
17873200FZ		FO Outdoor Fca BL 1x8	8	1	black	G50/125 OM2	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre
19020200FZ		FO Outdoor Fca BL 1x12	12	1	black	E9/125 G.652.D OS2	8.2	68	120	1000 N	1500 N	4000 N	0.603	by the metre
18011400FZ		FO Outdoor Fca BL 1x12	12	1	black	G50/125 OM2	8.2	69	120	1000 N	1500 N	4000 N	0.603	by the metre
19180600FZ		FO Outdoor Fca BL 1x12	12	1	black	G50/125 OM3	8.2	69	120	1000 N	1500 N	4000 N	0.603	by the metre
19268900FZ		FO Outdoor Fca BL 1x12	12	1	black	G50/125 OM4	8.2	69	120	1000 N	1500 N	4000 N	0.603	by the metre
19004000FZ		FO Outdoor Fca BL 1x16	16	1	black	G50/125 OM3	8.2	68	120	1000 N	1500 N	4000 N	0.629	by the metre
19035500FZ		FO Outdoor Fca BL 1x24	24	1	black	E9/125 G.652.D OS2	8.2	69	120	1000 N	1500 N	4000 N	0.629	by the metre
18663000FZ		FO Outdoor Fca BL 1x24	24	1	black	G50/125 OM2	8.2	73	120	1000 N	1500 N	4000 N	0.629	by the metre
19611400FZ		FO Outdoor Fca BL 1x24	24	1	black	G50/125 OM4	8.2	73	120	1000 N	1500 N	4000 N	0.629	by the metre