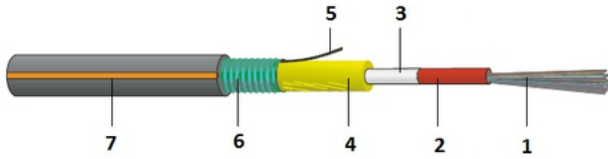


# FO Outdoor ZwbKWT BL / A-DQ(ZN)(SR)2Y



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 (Euroclass)	EN 13501-6: F <sub>ca</sub>
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
19020000FZ		FO Outdoor BL 1x4	Fca	4	1	black	E9/125 G.652.D OS2	8.2	68	120	1000	1500	4000	0.603	by the metre
19609800FZ		FO Outdoor BL 1x4	Fca	4	1	black	G50/125 OM3	8.2	68	120	1000	1500	4000	0.603	by the metre
18737700FZ		FO Outdoor BL 1x6	Fca	6	1	black	E9/125 G.652.D OS2	8.2	68	120	1000	1500	4000	0.603	by the metre
18738900FZ		FO Outdoor BL 1x6	Fca	6	1	black	G50/125 OM3	8.2	68	120	1000	1500	4000	0.603	by the metre
19020100FZ		FO Outdoor BL 1x8	Fca	8	1	black	E9/125 G.652.D OS2	8.2	68	120	1000	1500	4000	0.603	by the metre

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19007200FZ	FO Outdoor Fca BL 1x8	8	1	black	G50/125 OM3	8.2	68	120	1000	1500	4000	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	1500	4000	0.603	by the metre
19180600FZ	FO Outdoor Fca BL 1x12	12	1	black	G50/125 OM3	8.2	68	120	1000	1500	4000	0.603	by the metre
19268900FZ	FO Outdoor Fca BL 1x12	12	1	black	G50/125 OM4	8.2	84	120	1000	1500	4000	0.603	by the metre
19004000FZ	FO Outdoor Fca BL 1x16	16	1	black	G50/125 OM3	8.2	84	120	1000	1500	4000	0.629	by the metre
19035500FZ	FO Outdoor Fca BL 1x24	24	1	black	E9/125 G.652.D OS2	8.2	68	120	1000	1500	4000	0.629	by the metre
19611400FZ	FO Outdoor Fca BL 1x24	24	1	black	G50/125 OM4	8.2	68	120	1000	1500	4000	0.629	by the metre