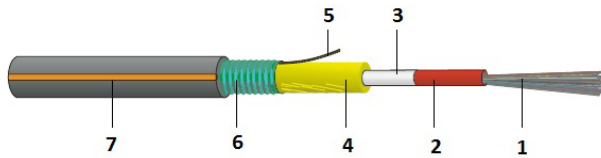


## FO Outdoor ZwbKWT BL / A-DQ(ZN)(SR)2Y

### 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.

### Construction

Armouring (rodent protection)	rodent proof
Outer sheath material	PE

### General Properties

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
Operating temperature	-40 °C - +70 °C
Storage 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 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
Reaction to fire (Euroclasses)	EN 13501-6
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
19007200FZ	FO Outdoor BL 1x8	Fca	black	G50/125 OM3	8.2		68	1,000	4,000	1,500	0.603	by the metre
19020000FZ	FO Outdoor BL 1x4	Fca	black	E9/125 G.652.D OS2	8.2	120	68	1,000	4,000	1,500	0.603	by the metre
19609800FZ	FO Outdoor BL 1x4	Fca	black	G50/125 OM3	8.2	120	68	1,000	4,000	1,500	0.603	by the metre
18737700FZ	FO Outdoor BL 1x6	Fca	black	E9/125 G.652.D OS2	8.2	120	68	1,000	4,000	1,500	0.603	by the metre
18738900FZ	FO Outdoor BL 1x6	Fca	black	G50/125 OM3	8.2	120	68	1,000	4,000	1,500	0.603	by the metre
19020100FZ	FO Outdoor BL 1x8	Fca	black	E9/125 G.652.D OS2	8.2	120	68	1,000	4,000	1,500	0.603	by the metre
19020200FZ	FO Outdoor BL 1x12	Fca	black	E9/125 G.652.D OS2	8.2	120	68	1,000	4,000	1,500	0.603	by the metre
19180600FZ	FO Outdoor BL 1x12	Fca	black	G50/125 OM3	8.2	120	68	1,000	4,000	1,500	0.603	by the metre
19268900FZ	FO Outdoor BL 1x12	Fca	black	G50/125 OM4	8.2	120	84	1,000	4,000	1,500	0.603	by the metre
19004000FZ	FO Outdoor BL 1x16	Fca	black	G50/125 OM3	8.2	120	84	1,000	4,000	1,500	0.629	by the metre
19035500FZ	FO Outdoor BL 1x24	Fca	black	E9/125 G.652.D OS2	8.2	120	68	1,000	4,000	1,500	0.629	by the metre
19611400FZ	FO Outdoor BL 1x24	Fca	black	G50/125 OM4	8.2	120	68	1,000	4,000	1,500	0.629	by the metre