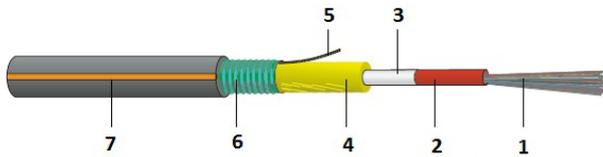


FO Outdoor ZwbKWT BL / A-DQ(ZN)(SR)2Y

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	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
19020000FZ	FO Outdoor ZwbKWT BL 1x4	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.2	120	68	1,000	4,000	1,500	0.603	by the metre	
19609800FZ	FO Outdoor ZwbKWT BL 1x4	Fca	black/orange	G50/125 OM3	OM3	8.2	120	71.9	1,000	4,000	1,500	0.603	by the metre	
18737700FZ	FO Outdoor ZwbKWT BL 1x6	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.2	120	68	1,000	4,000	1,500	0.603	by the metre	
18420000FZ	FO Outdoor ZwbKWT BL 1x6	Fca	black/orange	G50/125 OM2	OM2	8.2	120	68	1,000	4,000	1,500	0.603	by the metre	
18738900FZ	FO Outdoor ZwbKWT BL 1x6	Fca	black/orange	G50/125 OM3	OM3	8.2	120	71.9	1,000	4,000	1,500	0.603	by the metre	
19020100FZ	FO Outdoor ZwbKWT BL 1x8	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.2	120	68	1,000	4,000	1,500	0.603	by the metre	
19007200FZ	FO Outdoor ZwbKWT BL 1x8	Fca	black/orange	G50/125 OM3	OM3	8.2	120	72	1,000	4,000	1,500	0.603	by the metre	
19020200FZ	FO Outdoor ZwbKWT BL 1x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.2	120	72.2	1,000	4,000	1,500	0.603	by the metre	
19180600FZ	FO Outdoor ZwbKWT BL 1x12	Fca	black/orange	G50/125 OM3	OM3	8.2	120	72.2	1,000	4,000	1,500	0.603	by the metre	
19268900FZ	FO Outdoor ZwbKWT BL 1x12	Fca	black/orange	G50/125 OM4	OM4	8.2	120	68	1,000	4,000	1,500	0.603	by the metre	
19004000FZ	FO Outdoor ZwbKWT BL 1x16	Fca	black/orange	G50/125 OM3	OM3	8.2	120	74.4	1,000	4,000	1,500	0.629	by the metre	
19035500FZ	FO Outdoor ZwbKWT BL 1x24	Fca	black/orange	E9/125 G.652.D OS2	OS2	8.2	120	74.8	1,000	4,000	1,500	0.629	by the metre	
19611400FZ	FO Outdoor ZwbKWT BL 1x24	Fca	black/orange	G50/125 OM4	OM4	8.2	120	74.8	1,000	4,000	1,500	0.629	by the metre	