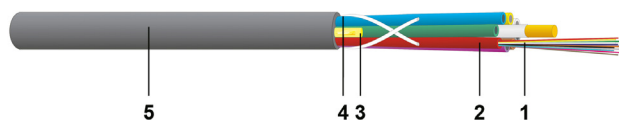


FO Outdoor wbKT C-Micro BL / A-DQ(ZN)2Y, F_{ca}

C-Micro, up to 576 fibres, Euroclass F_{ca}

metal-free, non-armoured, longitudinally watertight



- 1 ≤ 12 fibres
- 2 Loose tube
- 3 Aramid yarn
- 4 Ripcord
- 5 HDPE sheath



Description

Highly compact, metal-free fibre optic outdoor cable with up to 576 fibres in stranded loose tubes and with dry interstices. Easily cut-back, installation-friendly cable construction.

Application

FTTx, Fibre-to-the-home networks.
Optimised for injection into microducts.

Construction

Tube colour(s)	DIN (IEC 60304)
Armouring (rodent protection)	non-armoured
Outer sheath material	HDPE

General properties

Fibre colour code	DIN (IEC 60304)
Fibre diameter	200 µm
Maximum number of fibres	576
Standard delivery length [m]	6,000 m
Installation temperature	-5 °C - +50 °C
Storage temperature	-25 °C - +70 °C
Operating temperature	-25 °C - +70 °C
Imprint	DATWYLER FO Outdoor wbKT C-Micro BL / A-DQ(ZN)2Y «No. of fibres» «Fibre type» «Batch no.» «Receiver wave receiver wave» «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
Kink	IEC 60794-1-21 E10
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

Note

Datwyler recommends blowing in micro and mini cables in an ambient temperature range from -2°C to +35°C.

For installation, a blow-in device with a rubber pull-in bead is recommended.

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 short term [N]	Tensile load continuous [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Fire load [kWh/m]	Packing unit	GTIN / EAN
19172910FZ	FO Outdoor wbKT C-Micro BL 2x12	Fca	black	E9/125 G.657.A1	OS2	4.3	86	15	500	150	1,600	500	0.1678	by the metre	
19173010FZ	FO Outdoor wbKT C-Micro BL 4x12	Fca	black	E9/125 G.657.A1	OS2	4.3	86	15	500	150	1,600	500	0.1728	by the metre	
19173110FZ	FO Outdoor wbKT C-Micro BL 8x12	Fca	black	E9/125 G.657.A1	OS2	5.2	104	25	500	150	1,600	500	0.2647	by the metre	
19173210FZ	FO Outdoor wbKT C-Micro BL 12x12	Fca	black	E9/125 G.657.A1	OS2	7.3	146	45	800	250	1,600	500	0.4708	by the metre	
19173310FZ	FO Outdoor wbKT C-Micro BL 24x12	Fca	black	E9/125 G.657.A1	OS2	8.1	162	50	800	250	1,600	500	0.5761	by the metre	
19173500FZ	FO Outdoor wbKT C-Micro BL 18x24	Fca	black	E9/125 G.657.A1	OS2	9.0	180	90	1,000	300	1,600	500	0.9542	by the metre	
19173410FZ	FO Outdoor wbKT C-Micro BL 24x24	Fca	black	E9/125 G.657.A1	OS2	10.2	204	90	1,000	300	1,600	500	0.9542	by the metre	