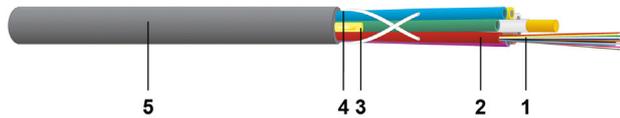


FO Outdoor wbKT S-Micro BL / A-DQ(ZN)2Y, F_{ca}

S-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	250 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 S-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]	Packing unit	GTIN / EAN
19172310FZ	FO Outdoor wbKT S-Micro BL 2x12	Fca	black	E9/125 G.657.A1	OS2	5.3	106	25	500	150	1,600	500	by the metre	
19172410FZ	FO Outdoor wbKT S-Micro BL 4x12	Fca	black	E9/125 G.657.A1	OS2	5.3	106	25	500	150	1,600	500	by the metre	
19172510FZ	FO Outdoor wbKT S-Micro BL 8x12	Fca	black	E9/125 G.657.A1	OS2	6.1	122	35	500	150	1,600	500	by the metre	
19172610FZ	FO Outdoor wbKT S-Micro BL 12x12	Fca	black	E9/125 G.657.A1	OS2	7.8	156	50	1,000	300	1,600	500	by the metre	
19172710FZ	FO Outdoor wbKT S-Micro BL 24x12	Fca	black	E9/125 G.657.A1	OS2	9.3	186	70	1,000	300	1,600	500	by the metre	
19172810FZ	FO Outdoor wbKT S-Micro BL 24x24	Fca	black	E9/125 G.657.A1	OS2	13.0	260	120	1,000	300	1,600	500	by the metre	