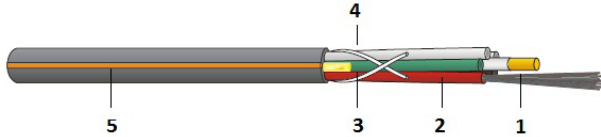


FO Outdoor wbKT S-Micro / A-DQ(ZN)2Y, F_{ca}

S-Micro, up to 288 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 288 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

Armouring (rodent protection)	non-armoured
Outer sheath material	HDPE

General properties

Fibre diameter	250 µm
Maximum number of fibres	288
Standard delivery length [m]	4,000 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 / A-DQ(ZN)2Y «No. of fibres» «Fibre type» «Batch no.» MADE IN SWITZERLAND «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 [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Fire load [kWh/m]	Packing unit	GTIN / EAN
19269300FZ	FO Outdoor wbKT S-Micro 2x12	Fca	black/orange	E9/125 G.652.D BLO	OS2	4.2	100	17	750	1,200	400	0.09	by the metre	
19215000FZ	FO Outdoor wbKT S-Micro 4x12	Fca	black/orange	E9/125 G.652.D BLO	OS2	4.2	100	17	750	1,200	400	0.09	by the metre	
19215900FZ	FO Outdoor wbKT S-Micro 8x12	Fca	black/orange	E9/125 G.652.D BLO	OS2	6.6	125	42	1,900	1,200	400	0.18	by the metre	
19709000FZ	FO Outdoor wbKT S-Micro 12x12	Fca	black/orange	E9/125 G.652.D BLO	OS2	8.2	200	58	1,900	1,200	400	0.345	by the metre	
19450000FZ	FO Outdoor wbKT S-Micro 6x24	Fca	black/orange	E9/125 G.652.D BLO	OS2	6.5	125	33	1,300	1,200	400	0.188	by the metre	
19339600FZ	FO Outdoor wbKT S-Micro 8x24	Fca	black/orange	E9/125 G.652.D BLO	OS2	8.4	250	56	1,900	1,200	400	0.325	by the metre	
19262500FZ	FO Outdoor wbKT S-Micro 9x24	Fca	black/orange	E9/125 G.652.D BLO	OS2	8.4	250	58	1,900	1,200	400	0.325	by the metre	
19600000FZ	FO Outdoor wbKT S-Micro 12x24	Fca	black/orange	E9/125 G.652.D BLO	OS2	10.4	300	88	2,900	1,200	400	0.562	by the metre	