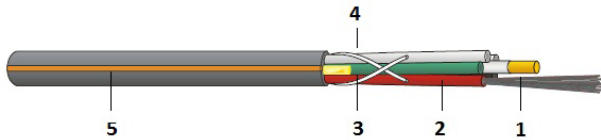


FO Outdoor wbKT S-Micro / A-DQ(ZN)2Y

S-Micro, up to 288 fibres, Euroclass Fca

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	PE

General Properties

Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Installation temperature	-2 °C - +35 °C
Operating temperature	-25 °C - +70 °C
Storage temperature	-25 °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
Temperature cycling	IEC 60794-1-22 F1
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

Note

Installation recommendation: We recommend to use a special cable blowing machine that provides feed caterpillars made of rubber.

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
19269300FZ	FO Outdoor S-Micro 2x12	Fca	black	E9/125 G.652.D BLO	4.2	250	17	750	1,200	400	0.09	by the metre
19215000FZ	FO Outdoor S-Micro 4x12	Fca	black	E9/125 G.652.D BLO	4.2	250	17	750	1,200	400	0.09	by the metre
19214900FZ	FO Outdoor S-Micro 8x12	Fca	black	E9/125 G.652.D BLO	6.6	250	42	1,900	1,200	400	0.18	by the metre
19215900FZ	FO Outdoor S-Micro 8x12	Fca	black	E9/125 G.652.D OS2	6.6	250	42	1,900	1,200	400	0.18	by the metre
19709000FZ	FO Outdoor S-Micro 12x12	Fca	black	E9/125 G.652.D BLO	8.2	300	58	1,900	1,200	400	0.345	by the metre
19450000FZ	FO Outdoor S-Micro 6x24	Fca	black	E9/125 G.652.D OS2	6.5	250	33	1,300	1,200	400	0.188	by the metre
19705100FZ	FO Outdoor S-Micro 8x24	Fca	black	E9/125 G.652.D BLO	6.5	250	33	1,300	1,200	400	0.188	by the metre
19339600FZ	FO Outdoor S-Micro 8x24	Fca	black	E9/125 G.652.D BLO	8.4	300	56	1,900	1,200	400	0.325	by the metre
19262500FZ	FO Outdoor S-Micro 9x24	Fca	black	E9/125 G.652.D OS2	8.4	300	58	1,900	1,200	400	0.325	by the metre
19600000FZ	FO Outdoor S-Micro 12x24	Fca	black	E9/125 G.652.D OS2	10.4	300	88	2,900	1,200	400	0.562	by the metre

Subject to technical modification

As of 2020-11-06 13:44:41