

FO Outdoor ZT S-Micro / A-D2Y

S-Micro, up to 24 fibres, Euroclass Fca

metal-free, non-armoured, dry interstices, longitudinally watertight



1 ≤ 24 fibres
2 PE sheath



Description

Very thin, metal-free fibre optic outdoor cable with up to 24 fibres in one central loose tube. 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	PBT

General Properties

Field of application	Outdoor
Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Maximum number of fibres	24
Installation temperature	-2 °C - +35 °C
Storage temperature	-25 °C - +70 °C
Operating temperature	-25 °C - +70 °C

Standards

Kink	IEC 60794-1-21 E10
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: F _{ca}
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2

Note

Recommendation: For the injection we recommend to use special equipment with a soft belt.

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
19343400FZ	FO Outdoor S-Micro 1x4	Fca	black	E9/125 G.652.D BLO	2.4	40	5	100	1,200	400	0.12	by the metre
19604800FZ	FO Outdoor S-Micro 1x6	Fca	black	E9/125 G.652.D BLO	2.4	40	5	100	1,200	400	0.12	by the metre
19345900FZ	FO Outdoor S-Micro 1x6	Fca	black	G50/125 OM3	2.4	40	5	100	1,200	400	0.12	by the metre
19346000FZ	FO Outdoor S-Micro 1x12	Fca	black	E9/125 G.652.D BLO	2.4	40	5	100	1,200	400	0.12	by the metre
19343500FZ	FO Outdoor S-Micro 1x12	Fca	black	G50/125 OM4	2.4	40	5	100	1,200	400	0.12	by the metre
19343300FZ	FO Outdoor S-Micro 1x24	Fca	black	E9/125 G.652.D BLO	2.4	40	6	100	1,200	400	0.12	by the metre
19607000FZ	FO Outdoor S-Micro 1x24	Fca	black	G50/125 OM4	2.4	40	6	100	1,200	400	0.12	by the metre

Subject to technical modification

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