

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

Maximum number of fibres	24
Installation temperature	-5 °C - +50 °C
Storage temperature	-25 °C - +70 °C
Operating temperature	-25 °C - +70 °C
Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «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
19343400FZ	FO Outdoor ZT S-Micro 1x4	Fca	black	E9/125 G.652.D BLO	OS2	2.4	40	5	100	1,200	400	0.12	by the metre	
19604800FZ	FO Outdoor ZT S-Micro 1x6	Fca	black	E9/125 G.652.D BLO	OS2	2.4	40	5	100	1,200	400	0.12	by the metre	
19345900FZ	FO Outdoor ZT S-Micro 1x6	Fca	black	G50/125 OM3	OM3	2.4	40	5	100	1,200	400	0.12	by the metre	
19346000FZ	FO Outdoor ZT S-Micro 1x12	Fca	black	E9/125 G.652.D BLO	OS2	2.4	40	5	100	1,200	400	0.12	by the metre	
19343500FZ	FO Outdoor ZT S-Micro 1x12	Fca	black	G50/125 OM4	OM4	2.4	40	5	100	1,200	400	0.12	by the metre	
19343300FZ	FO Outdoor ZT S-Micro 1x24	Fca	black	E9/125 G.652.D BLO	OS2	2.4	40	6	100	1,200	400	0.12	by the metre	
19607000FZ	FO Outdoor ZT S-Micro 1x24	Fca	black	G50/125 OM4	OM4	2.4	40	6	100	1,200	400	0.12	by the metre	