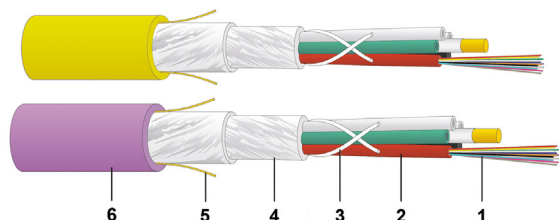


FO Indoor SZGGFR / J-B(ZN)BH

9.9 - 15.8 mm, up to 144F, LS0H, Euroclass Cca

metal-free, dry interstices, gel-free loose tubes,
rodent protection, flame retardant



- 1 ≤ 12 fibres
- 2 Loose tube
- 3 Reinforcing helix
- 4 Glass armour
- 5 Ripcord
- 6 FR/LSOH sheath



Description

Robust, non-metallic fibre optic indoor cable with stranded loose-tubes.
High crush resistance for high transmission reliability.
Easy handling due to cable construction with dry interstices and gel-free loose tubes.
Non-metallic rodent protection.
The two coloured ripcords are easy to identify and enable the safe opening of the cable sheath.
Flame retardant halogen-free FR/LSOH sheath.

Applicazione

LAN backbone, access and riser zone.
Data centre backbone and horizontal cabling.
Connection cable between the building distributors and/or floor distributors.
Suitable for laying in dry cable trays, ducts and vertical shafts, also when accessible to rodents.
Can also be installed on very complex cable trays.

Costruzione

Outer sheath material	FRNC/LSZH
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Proprietà generali

Impronta	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Installation temperature	-10 °C - +50 °C
Integrità del circuito	No
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 E3A
Impact	IEC 60794-1-21 E4
Repeated bending	IEC 60794-1-21 E6
Torsion	IEC 60794-1-21 E7
Reaction to fire (Euroclasses)	EN 13501-6: C _{ca}
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Flame Propagation	EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

Versions

Numero Materiale	Product	Reaction To Fire	Outer sheath colour	Fibre type	Diametro esterno della guaina [mm]	Raggio di curvatura [mm]	Weight [kg/km]	Tensile load short term [N]	Tensile load continuous [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Fire load [kWh/m]	Packing unit
19456400CZ	FO Indoor 2x12	Cca-s1a,d1,a1	giallo	E9/125 G.652.D BLO	9,9	200	100	8.000	4.100	4.000	1.200	0,164	al metro
19605300CZ	FO Indoor 2x12	Cca-s1a,d1,a1	turchese	G50/125 OM3	9,9	200	100	8.000	4.100	4.000	1.200	0,164	al metro
19602500CZ	FO Indoor 2x12	Cca-s1a,d1,a1	heather violet	G50/125 OM4	9,9	200	100	8.000	4.100	4.000	1.200	0,164	al metro
19456600CZ	FO Indoor 4x12	Cca-s1a,d1,a1	giallo	E9/125 G.652.D BLO	9,9	200	102	8.000	4.100	4.000	1.200	0,164	al metro
19605400CZ	FO Indoor 4x12	Cca-s1a,d1,a1	turchese	G50/125 OM3	9,9	200	102	8.000	4.100	4.000	1.200	0,164	al metro
19602600CZ	FO Indoor 4x12	Cca-s1a,d1,a1	heather violet	G50/125 OM4	9,9	200	102	8.000	4.100	4.000	1.200	0,164	al metro
19602900CZ	FO Indoor 8x12	Cca-s1a,d1,a1	giallo	E9/125 G.652.D BLO	12,9	255	182	8.000	4.100	4.000	1.200	0,271	al metro
19605500CZ	FO Indoor 8x12	Cca-s1a,d1,a1	turchese	G50/125 OM3	12,9	255	182	8.000	4.100	4.000	1.200	0,271	al metro
19602700CZ	FO Indoor 8x12	Cca-s1a,d1,a1	heather violet	G50/125 OM4	12,9	255	182	8.000	4.100	4.000	1.200	0,271	al metro
19596800CZ	FO Indoor 12x12	Cca-s1a,d1,a1	giallo	E9/125 G.652.D BLO	15,8	320	270	8.000	4.100	4.000	1.200	0,349	al metro
19605600CZ	FO Indoor 12x12	Cca-s1a,d1,a1	turchese	G50/125 OM3	15,8	320	270	8.000	4.100	4.000	1.200	0,349	al metro
19602800CZ	FO Indoor 12x12	Cca-s1a,d1,a1	heather violet	G50/125 OM4	15,8	320	270	8.000	4.100	4.000	1.200	0,349	al metro