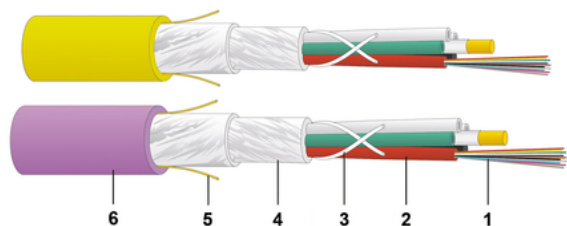


FO Indoor szGGFR / J-B(ZN)BH

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/LS0H 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/LS0H sheath.

APPLICATION

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.

OPTICAL PROPERTIES

The cables are available with different types of optical fibre (see fibre data sheets).

MECHANICAL PROPERTIES

Temperature range	storage:	-25/+70°C	EN 60794-1-22 F1
	during installation:	-10/+50°C	
	in operation:	-25/+60°C	
Tensile strength:	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		

GENERAL PROPERTIES

Sheath colour	G.652.D (BLO) OS2:	yellow
	G50/125 OM3:	turquoise
	G50/125 OM4:	heather violet

STANDARDS

Reaction to fire (Euroclasses)	EN 13501-6: C _{ca}
Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Zero halogen, no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Flame propagation	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
Smoke density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

VERSIONS

Article No.	DoP	Product	Reaction to fire (Euroclasses)	Number of fibres	Loose Tubes	Sheath colour	Fibre type	Sheath Ø [mm]	Weight [kg/km]	Bending radius [mm]	Tensile load continuous [N]	Tensile load short term [N]	Crush resistance continuous [N]	Crush resistance short term [N]	Fire load PU [kWh/m]
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As of 08.05.2020

Subject to technical modification.

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



19456400CZ		FO Indoor 2x12	Cca-s1a,d1,a1	24	2	yellow	E9/125 G.652.D BLO	9.9	100	200	4100 N	8000 N	1200 N	4000 N	0.164	by the metre
19605300CZ		FO Indoor 2x12	Cca-s1a,d1,a1	24	2	turquoise	G50/125 OM3	9.9	100	200	4100 N	8000 N	1200 N	4000 N	0.164	by the metre
19602500CZ		FO Indoor 2x12	Cca-s1a,d1,a1	24	2	heather violet	G50/125 OM4	9.9	100	200	4100 N	8000 N	1200 N	4000 N	0.164	by the metre
19456600CZ		FO Indoor 4x12	Cca-s1a,d1,a1	48	4	yellow	E9/125 G.652.D BLO	9.9	102	200	4100 N	8000 N	1200 N	4000 N	0.164	by the metre
19605400CZ		FO Indoor 4x12	Cca-s1a,d1,a1	48	4	turquoise	G50/125 OM3	9.9	102	200	4100 N	8000 N	1200 N	4000 N	0.164	by the metre
19602600CZ		FO Indoor 4x12	Cca-s1a,d1,a1	48	4	heather violet	G50/125 OM4	9.9	102	200	4100 N	8000 N	1200 N	4000 N	0.164	by the metre
19602900CZ		FO Indoor 8x12	Cca-s1a,d1,a1	96	8	yellow	E9/125 G.652.D BLO	12.9	182	255	4100 N	8000 N	1200 N	4000 N	0.271	by the metre
19605500CZ		FO Indoor 8x12	Cca-s1a,d1,a1	96	8	turquoise	G50/125 OM3	12.9	182	255	4100 N	8000 N	1200 N	4000 N	0.271	by the metre
19602700CZ		FO Indoor 8x12	Cca-s1a,d1,a1	96	8	heather violet	G50/125 OM4	12.9	182	255	4100 N	8000 N	1200 N	4000 N	0.271	by the metre
19596800CZ		FO Indoor 12x12	Cca-s1a,d1,a1	144	12	yellow	E9/125 G.652.D BLO	15.8	270	320	4100 N	8000 N	1200 N	4000 N	0.349	by the metre
19605600CZ		FO Indoor 12x12	Cca-s1a,d1,a1	144	12	turquoise	G50/125 OM3	15.8	270	320	4100 N	8000 N	1200 N	4000 N	0.349	by the metre
19602800CZ		FO Indoor 12x12	Cca-s1a,d1,a1	144	12	heather violet	G50/125 OM4	15.8	270	320	4100 N	8000 N	1200 N	4000 N	0.349	by the metre