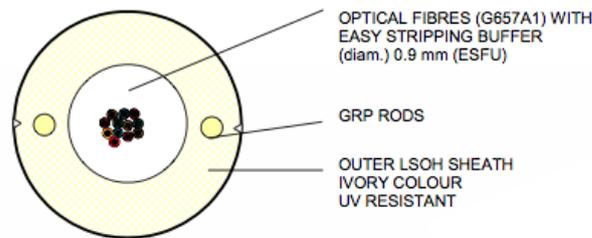


Indoor Single Sheath Cable Up To 48 Fibres

Code: FML1 / D1M

The cable consists of 12, 24, 36 or 48 Neon™ Single Mode optical fibres with tight buffer protection, made of an easy stripping compound, up to 900 microns. The fibres are protected by a flame retardant LSOH (Low Smoke Zero Halogen) sheath. During the sheathing process, two Glass Reinforced Plastic (GRP) rods are included. Flame non-propagation according To IEC 60332-1.



Technical Detail

Fibre Count	12	24	36	48
Part Number	60003274	60003833	60003834	60003835
Cable Diameter (nominal)	8.5mm	12mm	14.5mm	14.5mm
Cable Weight (nominal)	68 kg/km	135 kg/km	175 kg/km	190 kg/km
Minimum Bend Radius (operation static)	85mm	120mm	150mm	150mm
Minimum Bend Radius (dynamic)	170mm	240mm	300mm	300mm
Tensile Strength (installation)	150 N	300 N	300 N	300 N
Crush Resistance (100 mm)	500 N			
Impact Resistance (300 mm radius)	5 N m			
Temperature Performance	-10°C + 60 °C			

Colour Coding

Element No.	1	2	3	4	5	6	7	8	9	10	11	12
Fibres	Red	Blue	Green	Yellow	Violet	White	Orange	Grey	Brown	Black	Turquoise	Pink
Tight buffer protection	Red #	Blue #	Green dark #	Yellow #	Violet #	White #	Orange #	Grey #	Brown #	Green light #	Turquoise #	Pink #

Element No.	13	14	15	16	17	18	19	20	21	22	23	24
Fibres	Red	Blue	Green	Yellow	Violet	White	Orange	Grey	Brown	Black	Turquoise	Pink
Tight buffer protection	Red ##	Blue ##	Green dark ##	Yellow ##	Violet ##	White ##	Orange ##	Grey ##	Brown ##	Green light ##	Turquoise ##	Pink ##

Element No.	25	26	27	28	29	30	31	32	33	34	35	36
Fibres	Red	Blue	Green	Yellow	Violet	White	Orange	Grey	Brown	Black	Turquoise	Pink
Tight buffer protection	Red ###	Blue ###	Green dark ###	Yellow ###	Violet ###	White ###	Orange ###	Grey ###	Brown ###	Green light ###	Turquoise ###	Pink ###

Element No.	37	38	39	40	41	42	43	44	45	46	47	48
Fibres	Red	Blue	Green	Yellow	Violet	White	Orange	Grey	Brown	Black	Turquoise	Pink
Tight buffer protection	Red ####	Blue ####	Green dark ####	Yellow ####	Violet ####	White ####	Orange ####	Grey ####	Brown ####	Green light ####	Turquoise ####	Pink ####

= 1 black mark ## = 2 black marks ### = 3 black marks #### = 4 black marks

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Indoor Single Sheath Cable Up To 48 Fibres

Code: FML1 / D1M

Sheath Marking

ww/yyyy PRYSMIAN (L) VERTICASA INDOOR CABLE n FO D1M LSOH //// M

Where:

ww/yyyy - week and year of manufacture

n - fibre count

//// - sequential length marking

Standard Delivery Length

1000 ± 100 m or 2000 ± 100 m

Other lengths available upon agreement.

Up to a maximum of 10% of the total number of cable lengths could be shorter than nominal values.

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