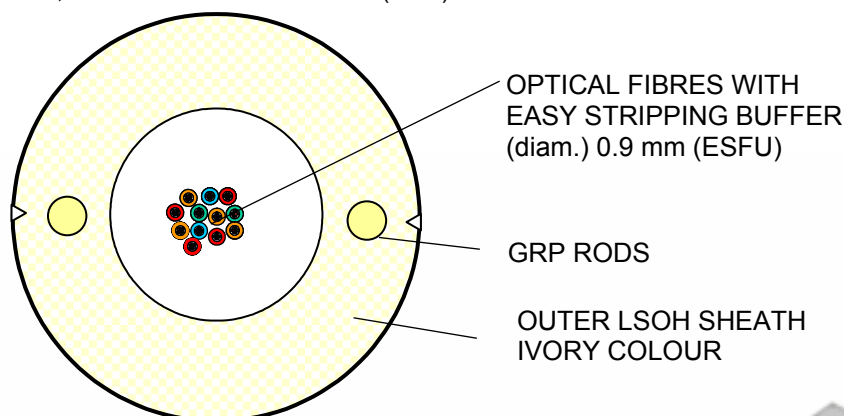




Indoor Single Sheath Cable up to 48 fibres

The cable consists of 12, 24 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.



Schematic drawing not to scale (12 F version illustrated)

Technical Details

Fibre count	12	24	48
Cable Diameter (nominal)	8.5 mm	12 mm	14.5 mm
Cable Weight (nominal)	68 kg/km	135 kg/km	190 kg/km
Minimum Bend Radius (operation static)	85mm	120 mm	150 mm
Minimum Bend Radius (dynamic)	170 mm	240 mm	300 mm
Tensile Strength (installation)	150 N	150 N	300 N
Crush Resistance (100 mm)	500 N		
Temperature Performance	- 10 °C + 60 °C		

Colour coding

Element N°	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 N°	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 N°	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 N°	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

- 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 Mark

- 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.