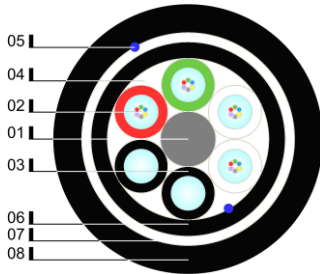




Multitube Loose Cable (Up to 144 FO)



Cable Description

- 01. Central filler
- 02. Fibre optics
- 03. Loose tube (Jelly Filled)
- 04. Waterblocking Elements
- 05. Ripcords
- 06. Inner Jacket
- 07. Strength Members
- 08. Outer Jacket

Applications

Outdoor

Rodent protection

Rodent protected

Options

Strength Members: Aramid Yarns (PKP)
Special colour code (TIA 598)

CPR Classification (Euroclass)

Reaction to Fire: Fca
Declaration Code: DOP03100



Advantages

Excellent mechanical resistance / Totally dielectric / Resistant / Tough / High density of fibres / Excellent resistance to friction / Rodent protected.



SPECIFICATIONS

	4	6	8	12	16	24	32	36	48	64	72	96	128	144
Fibre Count	4	6	8	12	16	24	32	36	48	64	72	96	128	144
Fibres per Tube	4	2	4	4	4	6	8	6	12	8	12	12	8	12
Total Tubes	4	4	4	4	4	4	4	6	4	8	6	8	18	12
Active Tube	1	3	2	3	4	4	4	6	4	8	6	8	16	12
Inner Jacket	Polyethylene - Black													
Strength Members	Reinforced Fiberglass Yarns (WB)													
Outer Jacket	Polyethylene - Black													
Weight (Kg/Km)	85	85	86	86	86	87	101	118	112	173	157	196	254	317
Outer Ø (mm^{±0.5})	10.5	10.5	10.5	10.5	10.5	10.5	11.5	12.1	12.1	14.5	14.0	15.5	18.4	19.5
Max. Tensile Load (N)	1000 (Permanent) / 1800 (Installation)									1500 (Perm.) / 2700 (Inst.)				
Max. Crush (N/dm)	2500 (IEC 60794-1-21 E3)													
Temperature Range	-40° C to +70°C (IEC 60794-1-22 F1)													
Min. Bending Radius	20 x Outer Ø (IEC 60794-1-21 E11)													

Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise.

Tubes colour code: Red - Green - Natural - ... - Natural. Passive Tubes colour Black.

All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.