



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

Cable Description

- 01. Central Filler
- 02. Fibre Optics
- 03. Loose tube (jelly filled)
- 04. Aramid
- 05. Ripcord
- 06. Outer jacket

Applications

Aerial Installations

Options

- Ballistic Protection
- Special Colour Code (TIA 598)

Advantages

Excellent mechanical resistance / Totally dielectric / Tough / Resistant / High density of fibres / Self-supported aerial applications.



MOISTURE PROTECTED



TOTALLY DIELECTRIC



AERIAL



ULTRAVIOLET RESISTANCE

Aerial Installation Conditions (1)

Wind (Km/h)	Ice (mm)	Span (m)
100	0	180
0	10	160
0	15	90
60	10	120

NESC Aerial Installation Conditions (1)

	Span
NESC Light	170
NESC Medium	115

SPECIFICATIONS

Fibres	4	6	8	12	16	24	32	36	48	64	72	96
Fibres per Tube	2	2	2	2	4	4	8	6	8	8	12	12
Total Tubes	6	6	6	6	6	6	6	6	6	8	6	8
Strength Members	Aramid Yarns											
Outer Jacket	Polyethylene											
Colour	Black											
Weight (Kg/Km)	70	71	72	75	73	75	89	76	94	121	96	123
Outer Ø (mm)	9.7 ^{±0.5}	9.7 ^{±0.5}	9.7 ^{±0.5}	9.7 ^{±0.5}	9.7 ^{±0.5}	9.7 ^{±0.5}	10.9 ^{±0.5}	9.7 ^{±0.5}	10.9 ^{±0.5}	12.4 ^{±0.5}	10.9 ^{±0.5}	12.4 ^{±0.5}
Maximum Length	3200	3200	3200	3200	3200	3200	2100	3200	2100	2100	2100	2100
MAT (N)	4000											
EDS (N)	1600											
Impact	5 J											
Temperature Range	-40°C to +70°C											
Min. Bending Radius	20 x Outer Ø											

Environmental and Mechanical Tests according to EN 187000 and IEC 60794.

Fibres Colours: Red, green, blue, yellow, grey, violet, brown, orange, white, pink, black and natural.

Max. Induced Voltage = 12 KV

(1) Typical values for a 48 fibres cable.