



#### Cable Description

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

#### Applications

Aerial Installations

#### Options

- Anti-Tracking Jacket
- Ballistic Protection
- Special Colour Code (TIA 598)

#### Aerial Installation Conditions (1)

Wind (Km/h)	Ice (mm)	Span (m)
100	0	135
0	10	140
0	15	80
60	10	105

#### NESC Aerial Installation Conditions (1)

	Span
NESC Light	135
NESC Medium	105

#### Advantages

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



MOISTURE PROTECTED



TOTALLY DIELECTRIC



AERIAL



ULTRAVIOLET RESISTANCE



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

#### SPECIFICATIONS

<b>Fibres</b>	4	6	8	12	16	24	32	36	48	64	72	96
<b>Fibres per Tube</b>	2	2	2	2	4	4	8	6	8	8	12	12
<b>Total Tubes</b>	6	6	6	6	6	6	6	6	6	8	6	8
<b>Inner Jacket</b>	Polyethylene											
<b>Strength Members</b>	Aramid Yarns											
<b>Outer Jacket</b>	Polyethylene											
<b>Colour</b>	Black											
<b>Weight (Kg/Km)</b>	113	115	117	122	118	123	133	123	142	177	143	179
<b>Outer Ø (mm)</b>	12.4 <sup>±0.5</sup>	12.4 <sup>±0.5</sup>	12.4 <sup>±0.5</sup>	12.4 <sup>±0.5</sup>	12.4 <sup>±0.5</sup>	12.4 <sup>±0.5</sup>	13.3 <sup>±0.5</sup>	12.4 <sup>±0.5</sup>	13.3 <sup>±0.5</sup>	15 <sup>±0.5</sup>	13.3 <sup>±0.5</sup>	15 <sup>±0.5</sup>
<b>Maximum Length</b>	3200	3200	3200	3200	3200	3200	2100	3200	2100	2100	2100	2100
<b>MAT (N)</b>	4000											
<b>EDS (N)</b>	1600											
<b>Impact</b>	5 J											
<b>Temperature Range</b>	-40° C to +70°C											
<b>Min. Bending Radius</b>	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.