

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 Jacket² (IEEE-1222:2011)
Ballistic Protection
Special Colour Code (TIA 598)

Advantages

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

Aerial Installation Conditions ¹

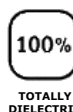
Wind (Km/h)	Ice (mm)	Span (m)
100	0	100
0	10	100
0	15	60
60	10	80

NESC Aerial Installation Conditions ¹

	Span
NESC Light	100
NESC Medium	80
NESC Heavy	55



MOISTURE PROTECTED



TOTALLY DIELECTRIC



AERIAL



ULTRAVIOLET RESISTANCE

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
Inner Jacket	Polyethylene											
Strength Members	Aramid Yarns											
Outer Jacket	Polyethylene											
Colour	Black											
Weight (Kg/Km)	111	113	115	120	116	120	133	121	139	175	141	177
Outer Ø (mm)	12.4 ±0.5	12.4 ±0.5	12.4 ±0.5	12.4 ±0.5	12.4 ±0.5	12.4 ±0.5	13.3 ±0.5	12.4 ±0.5	13.3 ±0.5	15 ±0.5	13.3 ±0.5	15 ±0.5
Maximum Length (m)	3200	3200	3200	3200	3200	3200	2100	3200	2100	2100	2100	2100
MAT (N)	3000											
EDS (N)	1200											
Max. Impact (J)	5 (IEC 60794-1-21 E4)											
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.

Max. Induced Voltage = 12 KV

¹ Typical values for a 48 fibres cable.

² Anti-Tracking Jacket: Max. Induced Voltage = 25 KV