

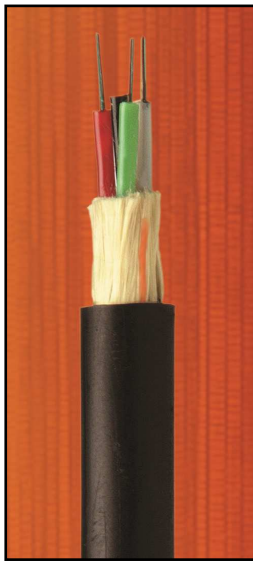
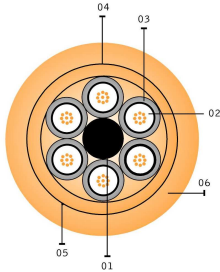
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OPTRAL



ADSS-50u

Aerial Loose Tube Cable (Up to 96 FO)



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	90
0	10	80
0	15	45
60	10	60

NESC Aerial Installation Conditions (1)

	Span
NESC Light	80
NESC Medium	55

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)	68	69	70	73	71	73	87	74	92	119	94	121
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 (m)	3200	3200	3200	3200	3200	3200	2100	3200	2100	2100	2100	2100
MAT (N)	2000											
EDS (N)	800											
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.

Max. Induced Voltage = 12 KV

(1) Typical values for a 48 fibres cable.

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