

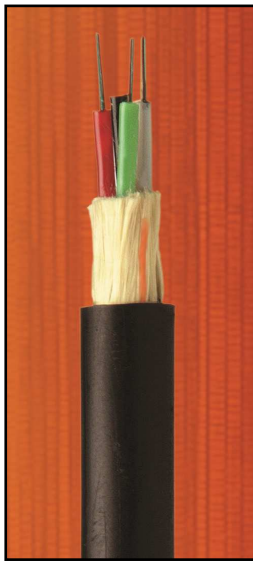
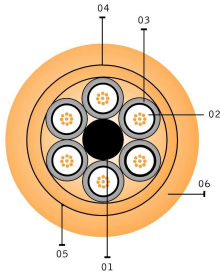
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# OPTRAL

## ADSS-120u



### 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.



#### 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

<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>Strength Members</b>	Aramid Yarns											
<b>Outer Jacket</b>	Polyethylene											
<b>Colour</b>	Black											
<b>Weight (Kg/Km)</b>	70	71	72	75	73	75	89	76	94	121	96	123
<b>Outer Ø (mm ±0.5)</b>	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	12.4	10.9	12.4
<b>Maximum Length (m)</b>	3200	3200	3200	3200	3200	3200	2100	3200	2100	2100	2100	2100
<b>MAT (N)</b>	4000											
<b>EDS (N)</b>	1600											
<b>Max. Impact (J)</b>	5 (IEC 60794-1-21 E4)											
<b>Temperature Range</b>	-40°C to +70°C (IEC 60794-1-22 F1)											
<b>Min. Bending Radius</b>	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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