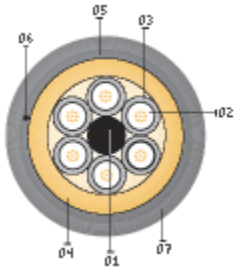
OPTRAL

ADSS-200

Aerial Loose Tube Cable (Up to 96 FO)



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 [2]
Ballistic Protection
Special Colour Code (TIA 598)

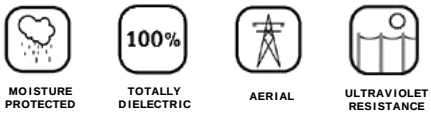
Aerial Installation Conditions [1]

Wind (Km/h)	Ice (mm)	Span (m)
100	0	250
0	10	270
0	15	155
60	10	200

NESC Aerial Installation Conditions [1]

	Span
NESC Light	255
NESC Medium	200

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



	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)	123	125	127	132	128	132	145	133	151	186	153	188
Outer ∅ (mm)	12.8 $^{\pm 0.5}$	12.8 $^{\pm 0.5}$	12.8 $^{\pm 0.5}$	12.8 $^{\pm 0.5}$	12.8 $^{\pm 0.5}$	12.8 $^{\pm 0.5}$	13.7 $^{\pm 0.5}$	12.8 $^{\pm 0.5}$	13.7 $^{\pm 0.5}$	15.3 $^{\pm 0.5}$	13.7 $^{\pm 0.5}$	15.3 $^{\pm 0.5}$
Maximum Length	3200	3200	3200	3200	3200	3200	2100	3200	2100	2100	2100	2100
MAT (N)	8000											
EDS (N)	3200											
Impact	5 J											
Temperature Range	-40º C to +70ºC											
Min. Bending Radius	20 x Outer ∅											

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

Fibres Colours: Red – Green – Blue – Yellow – Grey – Violet – Brown – Orange – White – Pink – Black – Natural
Max. Induced Voltage = 12 KV
[1] Typical values for a 48 fibres cable
[2] Anti-Tracking Jacket: Max. Induced Voltage = 25 KV

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