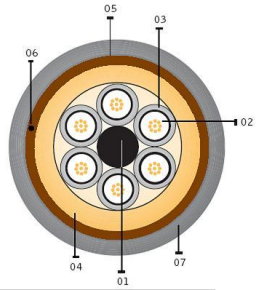
OPTRAL

ADSS-200

Aerial Loose Tube Cable (Up to 144 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] (IEEE-1222:2011)
Ballistic Protection
Special Colour Code (TIA 598)

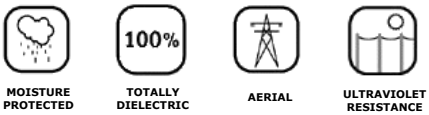
Aerial Installation Conditions [1]

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
NESC Heavy	150

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	144
Fibres per Tube	2	2	2	2	4	4	8	6	8	8	12	12	12
Total Tubes	6	6	6	6	6	6	6	6	6	8	6	8	12
Inner Jacket	Polyethylene - Black												
Strength Members	Aramid Yarns												
Outer Jacket	High Density Polyethylene (HDPE)												
Colour	Black												
Weight (Kg/Km)	123	125	127	132	128	132	145	133	151	186	153	188	248
Outer ∅ (mm ± 0.5)	12.8	12.8	12.8	12.8	12.8	12.8	13.7	12.8	13.7	15.3	13.7	15.3	17.7
Maximum Length (m)	3200	3200	3200	3200	3200	3200	2100	3200	2100	2100	2100	2100	2100
MAT (N)	8000												
EDS (N)	3200												
Max. Impact (J)	5 (IEC 60794-1-21 E4)												
Temperature Range	-40ºC to +70ºC (IEC 60794-1-22 F1)												
Min. Bending Radius	20 x Outer ∅ (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
[2] Anti-Tracking Jacket: Max. Induced Voltage = 25 KV