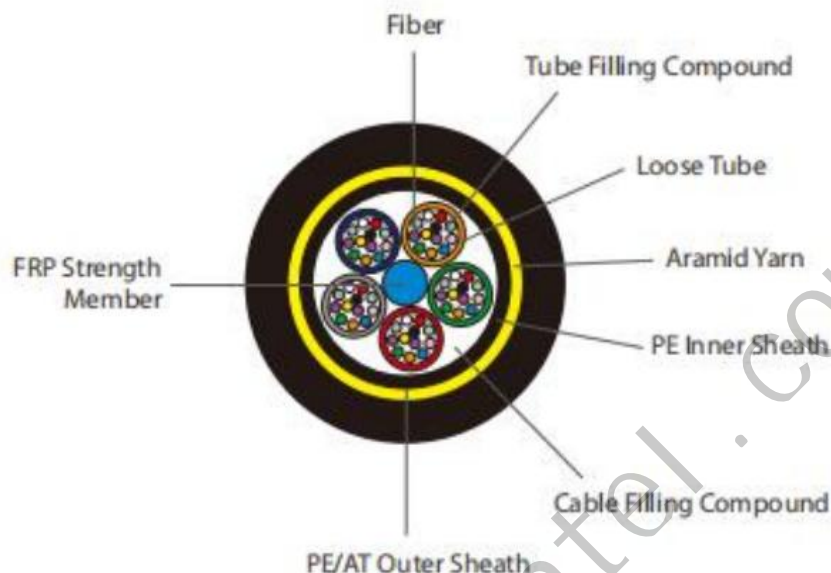


MT-1096 ADSS Outdoor Cable

Profile View



Characteristic

- 1、 Can be installed without shutting off the power
- 2、 Excellent AT performance, The maximum inductive at the operating point of AT sheath can reach 25kV
- 3、 Light weight and small diameter reducing the load caused by ice and wind and the load on towers and backprops
- 4、 Large span lengths and the largest span is over 1000m
- 5、 Good performance of tensile strength and temperature
- 6、 The design life span is 30 years

		G.652	G.655	50/125 μ m	62.5/125 μ m
Attenuation (+20C°)	@850nm			≤ 3.0 dB/km	≤ 3.0 dB/km
	@1300nm			≤ 1.0 dB/km	≤ 1.0 dB/km
	@1310nm	≤ 0.36 dB/km	≤ 0.40 dB/km		
	@1550nm	≤ 0.22 dB/km	≤ 0.23 dB/km		
Bandwidth (Class A)	@850nm			≥ 500 MHz·km	≥ 200 MHz·km
	@1300nm			≥ 1000 MHz·km	≥ 600 MHz·km
Numerical Aperture				0.200 \pm 0.015NA	0.275 \pm 0.015NA
Cable Cut-off Wavelength λ_{cc}		≤ 1260 nm	≤ 1480 nm		

Technical Parameters

Ref. outer diameter mm	Ref. weight kg/km		Ref. daily max. working tension kN	Max allowable working tension kN	Break strength kN	Strength member CSA mm ²	Modulus of elasticity kN/mm ²	Hrat expansion coefficient × 10 ⁻⁶ /K	Suitable span(m) NESC Standard(m)			
	PE sheath	AT sheath							A	B	C	D
10.2	117	124	1.5	4	10	4.6	7.6	1.8	160	100	140	100
11	121	129	2.25	6	15	7.6	8.3	1.5	230	150	200	150
12.3	126	134	3	8	20	10.35	9.45	1.3	300	200	290	200
12.6	133	141	3.6	10	24	13.8	10.8	1.2	370	250	350	250
12.8	138	145	4.5	12	30	14.3	11.8	1	420	280	400	280
13.1	145	153	5.4	15	36	18.4	13.6	0.9	480	320	460	320
13.5	155	163	6.75	18	45	22	16.4	0.6	570	380	550	380
13.8	163	171	7.95	22	53	26.4	18	0.3	670	460	650	460
14.4	177	186	9	26	60	32.2	19.1	0.1	750	530	750	510
14.6	182	191	10.5	28	70	33	19.6	0.1	800	560	800	560
14.8	195	204	12.75	34	85	40	20.1	0.1	880	650	880	650

Storage/Operating Temperature : -40C° to + 70C°

