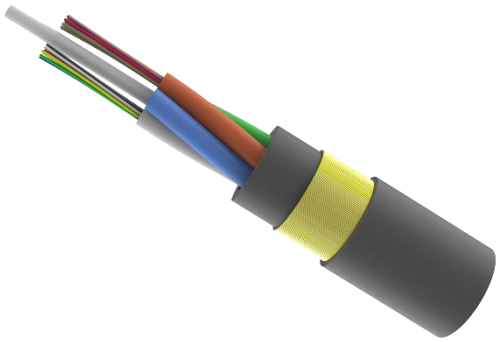
ADSS

All dielectric Self-supporting Aerial Optic Fiber Cable



Features

- Excellent mechanical and environmental performance
- Good water resistance performance
- Outer sheath resists solar radiation
- Gel-filled Loose tube protect the fiber well
- All dielectric material good for application in thunder area
- Tensile performance good

Fiber & Tube Color Sequence (The color starts from No. 1 Blue.)

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua

Cable Specification

1	Fiber	Up to 288, Gel-filled
2	Fiber Types	Single-mode or Multimode
3	Cable Constructions	S-Z Stranded loose tube
4	Strength Member	FRP
5	Sheath Options	Double PE Sheath
6	Armored	None
7	Operating Temperature	-40°C - 70°C
8	Compliances	In Accordance with IEC, ITU and EIA standards
9	Applications	All dielectric Self-supporting Aerial Optic Fiber Cable

Fiber Transmission Performance

Cabled Optical fiber （dB/km）	OM1 (850nm/1300nm)	OM2 (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.655 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Typical value	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Technical Specification (Remark: The above parameters are typical value; The cable spec can be designed according to customer's requirement.)

Fiber count	24	48	72	96	144
Tensile strength RTS N	40000	40000	40000	40000	40000
Tensile strength MAT N	16000	16000	16000	16000	16000
Crush Resistance Short Term N/100mm	2200	2200	2200	2200	2200
Crush Resistance Long Term N/100mm	1000	1000	1000	1000	1000
Min. bending radius (Dynamic)	25D	25D	25D	25D	25D
Min. bending radius (Static)	12.5D	12.5D	12.5D	12.5D	12.5D
Cable diameter (mm)	13.4	14.4	14.8	16.4	18.9
Cable weight (kg/km)	145	165	182	220	290