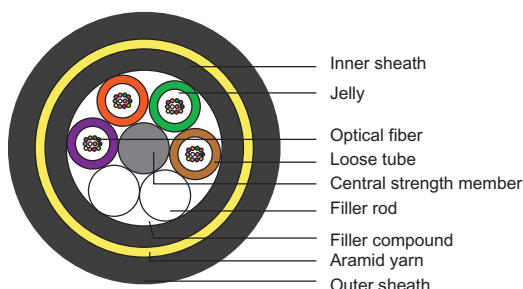


All dielectric self-supporting Aerial Optic Fiber cable(ADSS)



Fiber: Up to 288, Gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: FRP

Sheath Options: Double PE Sheath

Armored: None

Operating Temperature: -40°C - 70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

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

Applications

All dielectric self-supporting Aerial Optic Fiber cable-ADSS



Max. operating temperature



Min. operating temperature



Installation temperature Min 0°C



In air



In conduit

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (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

Cable type	Maximum cores	Tensile Strength		Crush Resistance		Minimum bend radius		Cable diameter	Cable weight
		RTS	MAT	Short term	Long term	Dynamic	Static		
ADSS	24	40000	16000	2200	1000	25D	12.5D	13.4	145
ADSS	36	40000	16000	2200	1000	25D	12.5D	13.9	155
ADSS	72	40000	16000	2200	1000	25D	12.5D	14.8	182
ADSS	96	40000	16000	2200	1000	25D	12.5D	16.4	220
ADSS	120	40000	16000	2200	1000	25D	12.5D	18.0	262
ADSS	144	40000	16000	2200	1000	25D	12.5D	18.9	290

Remark : 1. D is the diameter of the cable ; 2. The above parameters are typical value ; 3. The cable spec can be designed according to customer's requirement.