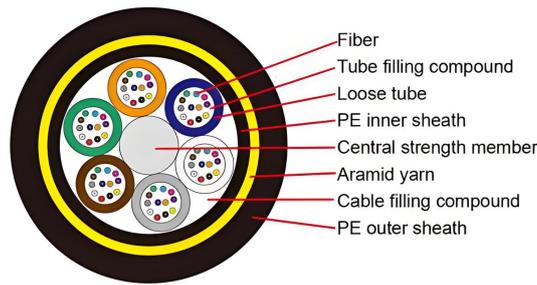


## All Dielectric Self-supporting Aerial Cable (ADSS)



### Product Description

ADSS(All-Dielectric Self-Supporting Optical Cable) it has unique structure, good insulation and high temperature resistance, as well as high tensile strength, and is a non-metallic optical cable composed entirely of dielectric materials and containing necessary support systems. It is mainly used in overhead high-voltage transmission systems and can also be used for communication lines in lightning prone areas, large-span and other overhead laying environments, it provides a fast and economical transmission channel for power communication systems.

### Features

- High tensile strength
- All dielectric structure and semi-dry design
- Small diameter and light weight

### Application

- Be hung directly on the power tower
- Used for communication route for overhead high voltage transmission systems
- Used in communication lines under overhead laying conditions

### Specification

Fibers	4F/8F...288F	Fiber type	G652/G657
Central strength member	FRP	Outer strength member	Aramid yarn
Inner sheath	PE	Outer sheath	PE/AT
Cable color	Black/White	Diameter	11-20.2 (mm)
Weight (approx.)	95-290 (kg/km)	Packing (per reel)	1km or Customized
Standard complied	IEEE P 1222 IEC 60794-1-2	Crush Resistance Long/Short Term	300/1000 (N) 700/2200(N)
Max. span	140-750 (m)	Bending Radius Static/Dynamic	15D/20D (mm)