

ADSS

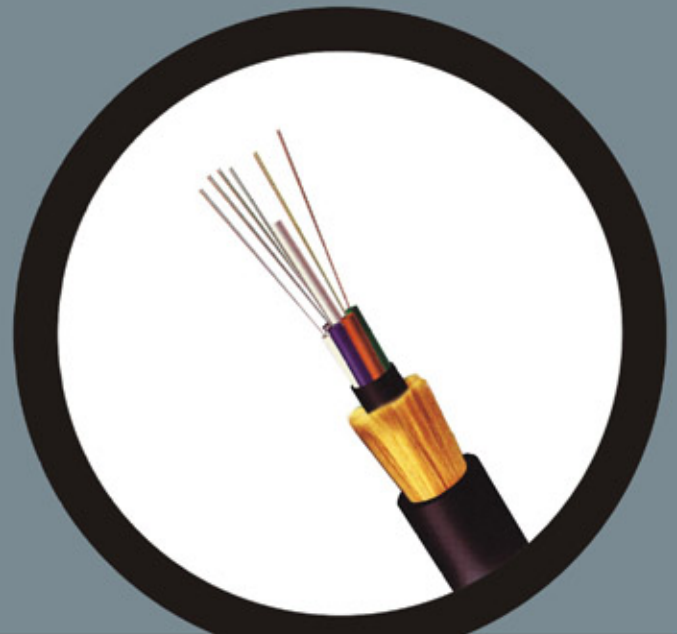


Application:

The all dielectric self supporting cables are suitable for installation on power lines and installed parallel with power lines on the same electric transmission tower or pole, especially it can be used for large span application and excessive thunder field application.

Features:

- Up to 144 fibers
- Light weight, less additional load to tower, the maximum span can reach 1500m.
- Aramid yarns armored providing excellent strain up to 90KN
- Non metallic structure provides good insulation, excellent lightning resistant.
- Equal distribution of aramid yarns with good production process, excellent stress/strain performance.
- Excellent bullet resistant performance
- Excellent tracking resistant performance
- Installation without power off and the normal transmission of cable won't be influenced by power line fault.



Technical data (for 24F, 800m span)

Weather condition: 10m/s wind speed and 0mm ice thickness)

Fiber Num.	Span(m)	Outer diameter (mm)	Module (N/mm ²)	Linear expanding coefficient (1/k)	Weight (kg/km)	Safely running strain(N)
24	800	15.5	2.86×10 ⁴	0.02×10 ⁻⁶	200	29680

Weather condition: 10m/s wind speed and 5mm ice thickness)

Fiber Num.	Span(m)	Outer diameter (mm)	Module (N/mm ²)	Linear expanding coefficient (1/k)	Weight (kg/km)	Safely running strain(N)
24	800	14.5	2×10 ⁴	0.11×10 ⁻⁶	185	19600