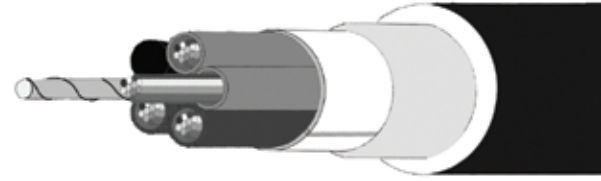




adss cable

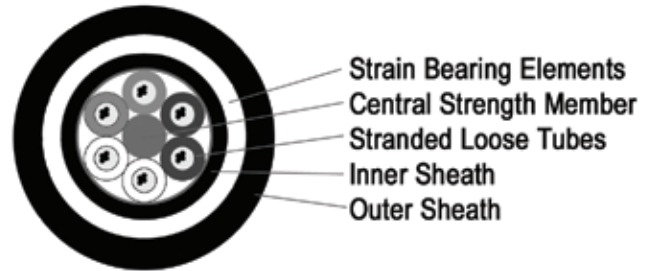
All Dielectric Self-Supporting Cables - ADSS

Renka® SmartLITE™ All Dielectric Self Supporting Cable is designed for optimum performance and ease of installation. SmartLITE™ cables are constructed with dispersion unshifted single mode fiber. These fibers are matched clad, consisting of a doped silica core surrounded by a concentric silica cladding. The stranded single mode matched clad fibers are designed for the transmission of large complicated data, video, and voice with very low transmission loss.



Benefits/Features

- Reliable and long-lasting
- Designed for aerial installations
- Environmentally stable/rugged design
- Ideal for replacing or reinforcing existing networks
- Easy access for all splices and repairs
- Fast and low-cost ADSS networks



SmartLITE™ ADSS fiber optic cable adheres to the following industry technical specifications, standards and references:

- IEEE – P1222
- Telcordia (Bellcore) GR-20
- ICEA-640
- RUS PE-90
- GTE Int'l
- ITU-T Recommendations G650 Series
- EC 793/EN 18800 Requirements
- ISO 9001
- TIA/EIA Quality Standards

Single Mode Fiber Specifications

Maximum Tensile Loading	660 lbs	
Maximum Recommended Service Load	200 lbs	
Operating Temperature Range	-38°C to +70°C	
Minimum Bend Radius	<i>During Installation</i>	20 X OD
	<i>After Installation</i>	10 X OD
Compression Resistance	220N/cm	
Compound Flow Temperature	<80°C	
Inside Buffer Tube	3mm	

Cable Specifications

Central Loose Tube ADSS		
Standard Fiber Count	24	48
Standard Working Tension	2kN, 4kN, 8kN	

Stranded Loose Tube ADSS	
Standard Fiber Count	6 x 2
Standard Working Tension	2kN, 3kN, 4kN, 5kN

Stranded Loose Tube ADSS (with Inner Sheath)						
Standard Fiber Count	6 x 4	6 x 8	6 x 12	8 x 12	10 x 12	6 x 24
Standard Working Tension	4kN, 8kN, 12kN, 16kN, 22kN, 28kN, 35kN, 40kN					

Ordering Information

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Renka Product #
760-Heavy Duty
765-Medium Duty

Total # of Fibers
006-288

Total # of Tubes
01
02
03
04
06
08
09
10
12

of Fibers/Tube
006
012
024