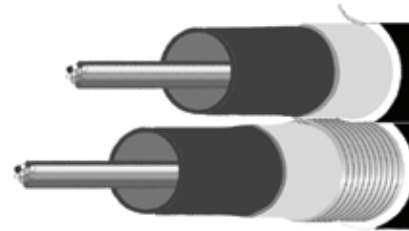




loose tube cable

6-24 Fiber Single Tube Armored/Dielectric OFC

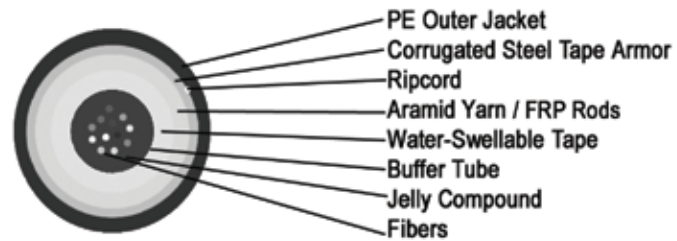
Renka® SmartLITE™ single mode optical fiber cable is designed for optimum performance and ease of installation. SmartLITE™ cables are constructed with dispersion unshifted single mode fiber. These fibers are matched clad, consisting of a doped silica core surrounded by a concentric silica cladding. The 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

- Fiber counts from 6 to 24
- MDPE jacket
- Designed for duct, lashed aerial, or direct buried installations
- Environmentally stable/rugged design
- Lightweight and flexible
- Polyester film/Poly-Al moisture barrier

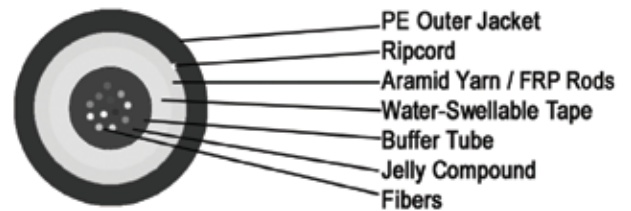
12 Fiber Count Single Tube Armored Loose Tube Cable



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

- 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

12 Fiber Count Single Tube Dielectric Loose Tube Cable



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

Fiber Count	# of Tubes	# of Fibers/Tube	# of Ribbons/Tube	Max # of Filler Rods	Cable Outside Diameter mm (Dielectric)	Cable Weight kg/km (Dielectric)	Cable Outside Diameter mm (Armored)	Cable Weight kg/km (Armored)
6	1	6	N/A	0	8.5	75	9.8	135
12	1	12	N/A	0	8.5	75	9.8	135
18	1	18	N/A	0	8.5	75	9.8	135
24	1	24	N/A	0	9.5	90	10.8	160

Ordering Information

RE□□□-□□□-□□-□□□

Renka Product #
851 - Armored
861 - Dielectric

Total # of Fibers
006-024

Total # of Tubes
01

of Fibers/Tube
006
012
018
024