



ribbon cable

36-96 Fiber Single Tube Armored/Dielectric OFC

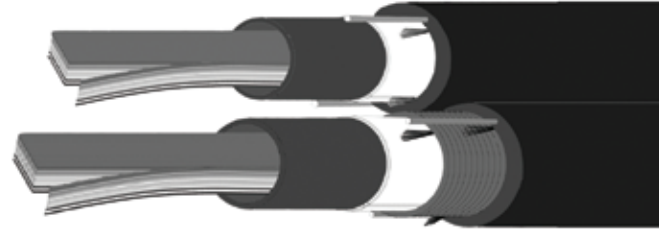
Renka® SmartLITE™ single mode optical fiber cable is designed for optimum performance and ease of installation. SmartLITE™ cables are constructed with dispersion unshifted single mode fiber. These fibers are matched clad, consisting of a doped silica core surrounded by a concentric silica cladding. The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

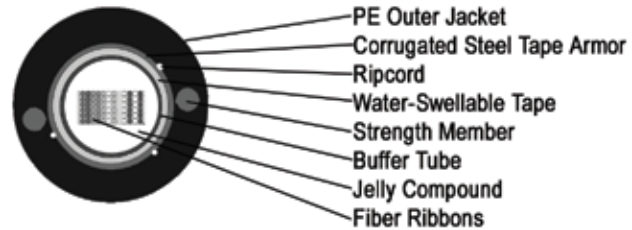
- Fiber counts from 36 to 96
- MDPE jacket
- Designed for duct, lashed aerial, or direct buried installations
- Environmentally stable/rugged design
- Lightweight and flexible
- Polyester film/Poly-Al moisture barrier
- Highly adaptable to mass splicing

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

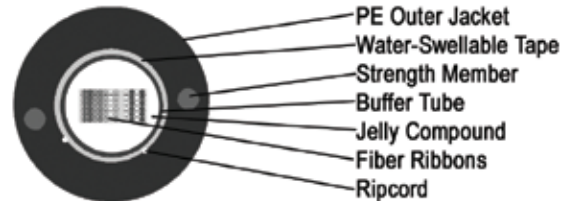
- Telcordia (Bellcore) GR-20
- ICEA-640
- RUS PE-90
- GTE Int'l
- ITU-T Recommendations G650 Series
- EC 793/EN 18800 Requirements
- ISO 9001
- TIA/EIA Quality Standards



72 Fiber Count Single Tube Armored Ribbon Cable



72 Fiber Count Single Tube Dielectric Ribbon 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)
36	1	36	3	0	11.5	105	12.6	165
48	1	48	4	0	11.5	110	12.6	170
72	1	72	6	0	12.1	120	13.0	180
96	1	96	8	0	12.8	140	13.8	200

Ordering Information

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Renka Product #
951 - Armored
961 - Dielectric

Total # of Fibers
036-096

Total # of Tubes
01

of Fibers/Tube
036
048
072
096