



ribbon cable

36-864 Fiber Multi 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

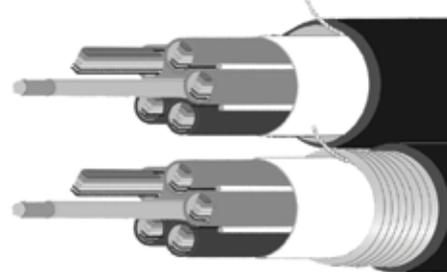
- Fiber counts from 36 to 864
- MDPE jacket
- Designed for duct, lashed aerial, or direct buried installations
- Environmentally stable/rugged design
- Lightweight and flexible
- Polyester film/Poly-Al moisture barrier
- Highly adaptable to mass splicing

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

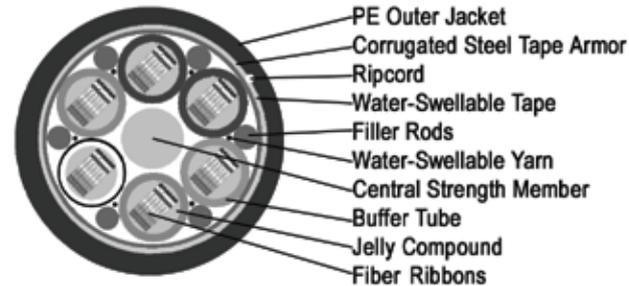
- Telcordia (Bellcore) GR-20
- ICEA-640
- RUS PE-90
- GTE Int'l
- ITU-T Recommendations G650 Series
- EC 793/EN 18800 Requirements
- ISO 9001
- TIA/EIA Quality Standards

Single Mode Fiber Specifications

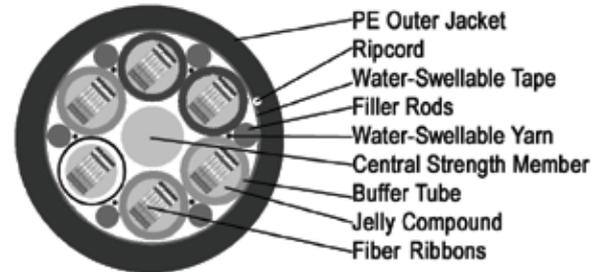
Maximum Tensile Loading	660 lbs	
Maximum Recommended Service Load	200 lbs	
Operating Temperature Range	-38°C to +70°C	
Minimum Bend Radius	<i>During Installation</i>	20 X OD
	<i>After Installation</i>	10 X OD
Compression Resistance	220N/cm	
Compound Flow Temperature	<80°C	
Inside Buffer Tube	3mm	



432 Fiber Count Multi Tube Armored Ribbon Cable



432 Fiber Count Multi Tube Dielectric Ribbon Cable



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	3	12	1	2	19.5	285	22.5	420
48	2	24	2	3	21.0	300	22.5	420
72	3	24	2	2	21.0	330	22.5	425
96	4	24	2	1	21.0	335	22.5	425
120	5	24	2	0	21.0	340	22.5	420
144	3	48	4	2	21.0	340	22.5	425
192	4	48	4	1	21.0	350	22.5	430
216	3	72	6	2	23.1	400	25.0	505
240	5	48	4	0	23.1	420	24.5	505
288	4	72	6	1	23.1	415	25.0	500
360	5	72	6	0	23.1	425	25.0	500
432	6	72	6	0	24.8	505	27.0	580
864	6	144	12	0	29.0	635	32.0	720

Ordering Information

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Renka Product #

950 - Armored
960 - Dielectric

Total # of Fibers

036-864

Total # of Tubes

02
03
04
05
06

of Fibers/Tube

012
024
048
072
144