



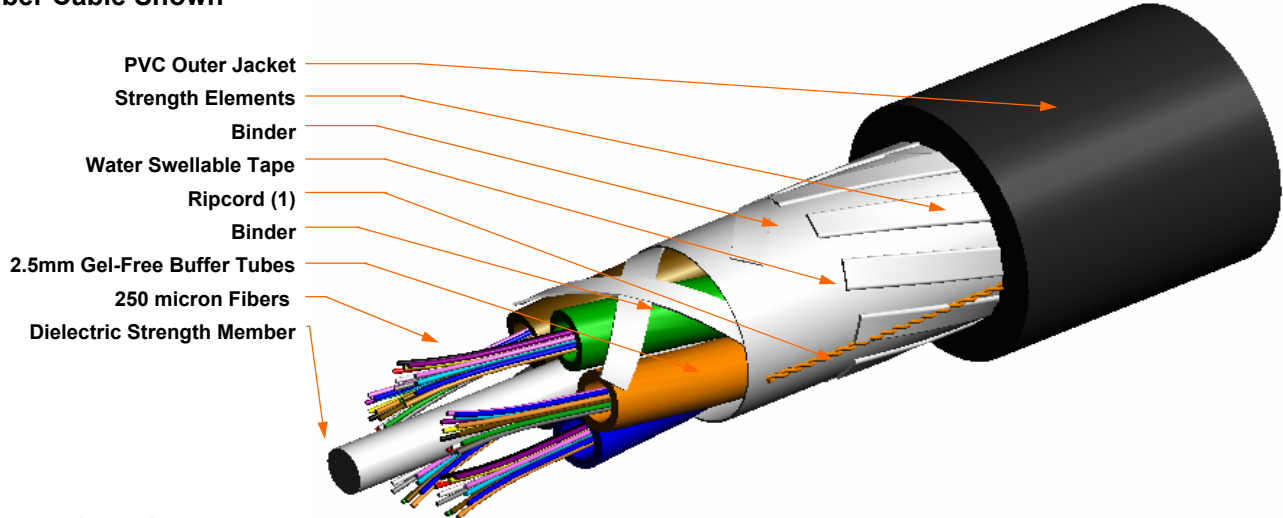
Indoor/Outdoor Cable

2 - 288 Fiber Arid-Core® Construction

Gel-Free Stranded Loose Tube

NEC Type: OFNR - (ETL) and c(ETL)

60 Fiber Cable Shown



Physical Specifications

Fiber Count	Catalog Number	Subunits	Outer Diameter in. (mm)	Weight lbs/kft (kg/km)	Minimum Bend Radius in. (cm)		Max. Tensile Load lbs. (Newtons)		Maximum Vertical Rise Feet (Meters)
					Loaded	Unloaded	Short Term	Long Term	
002 - 060	R-XXX-LN-XY-FZZBK/25D	5	0.45 (11.5)	79 (118)	9.0 (23.0)	4.5 (11.5)	607 (2700)	180 (800)	2275 (694)
062 - 072	R-XXX-LN-XY-FZZBK/25D	6	0.47 (11.9)	85 (127)	9.3 (23.8)	4.7 (11.9)	607 (2700)	180 (800)	2114 (645)
074 - 096	R-XXX-LN-XY-FZZBK/25D	8	0.53 (13.5)	108 (161)	10.6 (27.0)	5.3 (13.5)	607 (2700)	180 (800)	1667 (508)
098 - 120	R-XXX-LN-XY-FZZBK/25D	10	0.59 (15.1)	129 (193)	11.9 (30.2)	5.9 (15.1)	607 (2700)	180 (800)	1391 (424)
122 - 144	R-XXX-LN-XY-FZZBK/25D	12	0.68 (17.2)	175 (261)	13.5 (34.4)	6.8 (17.2)	607 (2700)	180 (800)	1028 (313)
146 - 216	R-XXX-LN-XY-FZZBK/25D	18	0.70 (17.8)	161 (240)	14.0 (35.6)	7.0 (17.8)	607 (2700)	180 (800)	1118 (341)
218 - 288	R-XXX-LN-XY-FZZBK/25D	24	0.79 (20.2)	207 (309)	15.9 (40.4)	7.9 (20.2)	607 (2700)	180 (800)	869 (265)

*Replace **XXX** with Number of Fibers
Replace **XY** with Fiber Type and Grade (See Optical Performance Sheet)
Replace **ZZ** with Number of Fibers per Tube

Environmental and Mechanical

	Specification	Test Method
Operating Temperature	-40° to 158° F (-40° to +70° C)	FOTP - 3
Installation Temperature	-22° to 140° F (-30° to +60° C)	N/A
Storage Temperature	-40° to 167° F (-40° to +75° C)	N/A
Crush Resistance	250 lbf/in (44 N/mm)	FOTP - 41
Impact Resistance	Exceeds	FOTP - 25
Flexing	25 Cycles	FOTP - 104
Twist Bend	Exceeds	FOTP - 85

CommScope Outside Plant Fiber Optic Cables are qualified to the requirements of ANSI/ICEA S-87-640-1999, Standard for Optical Fiber Outside Plant Communications Cable, GR-20-CORE, Issue 2 Generic Requirements for OSP Fiber Optic Cable, EN 187105, European Standard for Optical Cable.



Cable Identification

Cable Jacket - Black PVC		
Buffer Tubes and Fibers are identified with standard color coding:		
1 - Blue	5 - Slate	9 - Yellow
2 - Orange	6 - White	10 - Violet
3 - Green	7 - Red	11 - Rose
4 - Brown	8 - Black	12 - Aqua
Buffer tubes 13 thru 24 repeat the color sequence with tracer stripe: e.g. Buffer Tube 13 is blue with tracer stripe.		