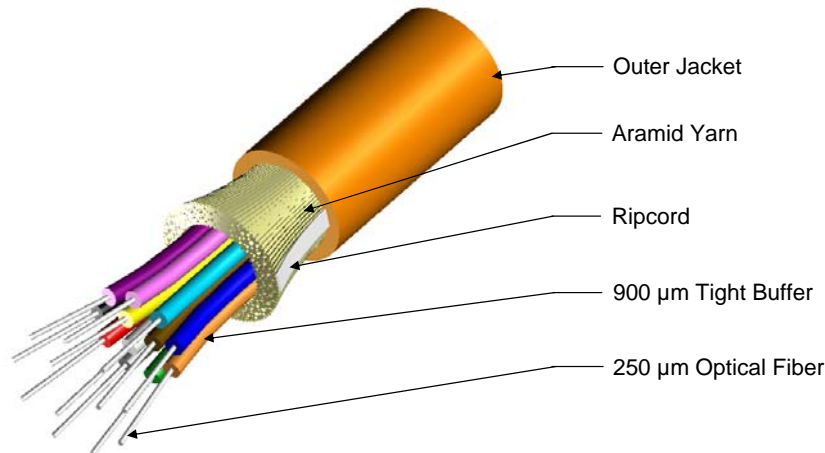


2 – 24 Fiber Riser Distribution Cable NEC Type: OFNR - (ETL) and c(ETL)

12 Fiber Riser Distribution Cable Shown



Physical Specifications

Fiber Count	Catalog Number	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			
2	R-002-DS-XY-FSUZZ	0.16	(4.1)	8.6	(12.9)	3.2	(8.1)	1.6	(4.1)	225	(1,001)	68	(300)	1,640	(500)
4	R-004-DS-XY-FSUZZ	0.19	(4.8)	13.1	(19.4)	3.8	(9.5)	1.9	(4.8)	300	(1,335)	90	(400)	1,640	(500)
6	R-006-DS-XY-FSUZZ	0.20	(5.1)	15.2	(22.7)	4.1	(10.3)	2.0	(5.1)	300	(1,335)	90	(400)	1,640	(500)
8	R-008-DS-XY-FSUZZ	0.22	(5.5)	17.2	(25.7)	4.3	(11.0)	2.2	(5.5)	300	(1,335)	90	(400)	1,640	(500)
12	R-012-DS-XY-FSUZZ	0.24	(6.0)	21.7	(32.2)	4.7	(12.1)	2.4	(6.0)	300	(1,335)	90	(400)	1,640	(500)
18	R-018-DS-XY-FSUZZ	0.30	(7.7)	32.1	(47.7)	6.0	(15.4)	3.0	(7.7)	300	(1,335)	90	(400)	1,640	(500)
24	R-024-DS-XY-FSUZZ	0.33	(8.4)	37.9	(56.4)	6.6	(16.7)	3.3	(8.4)	300	(1,335)	90	(400)	1,640	(500)
xxx	R-xxx-DS-CM-FSUZZ/AAaaa/BBbbb	Composite Cable with multiple fiber types: See information above for requested total fiber count													

*Replace XY with Fiber Type and Grade (See Optical Performance Sheet)

*Replace ZZ with Jacket Color (See Cable Identification information below)

*For multiple fiber types, replace AA with Fiber Type and Grade #1 and replace BB with Fiber Type and Grade #2; replace aaa and bbb with number of fibers for each fiber type. Replace xxx with the total number of fibers in the cable.

Environmental and Mechanical

	Specification	Test Method
Operating Temperature	-4°F to +158°F (-20°C to +70°C)	FOTP - 3
Installation Temperature	-4°F to +158°F (-20°C to +70°C)	N/A
Storage Temperature	-40°F to +158°F (-40°C to +70°C)	N/A
Crush Resistance	Exceeds 57 lbf/in (10 N/mm)	FOTP - 41
Impact Resistance	Exceeds 4.34 lbf-ft (5.88 N-m)	FOTP - 25
Flexing	Exceeds 100 cycles	FOTP - 104
Twist Bend	Exceeds	FOTP - 85

CommScope Fiber Optic Premises cables are qualified to the requirements of

Telcordia GR-409-CORE, Issue 2.



Fiber and Cable Identification

Standard Jacket Color (according to fiber type)		
50µm (LaserCore™) – AQ for Aqua		
62.5µm – OR for Orange		
Singlemode – YL for Yellow		
<i>other colors available upon request</i>		
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
Fibers 13 thru 24 repeat the sequence with tracer stripe: e.g. fiber 13 is blue with tracer stripe.		

Drawings not to scale

Specifications subject to change

Revision Date: 3/30/09