

Indoor/Outdoor Riser Distribution Cable

2 – 24 Fiber

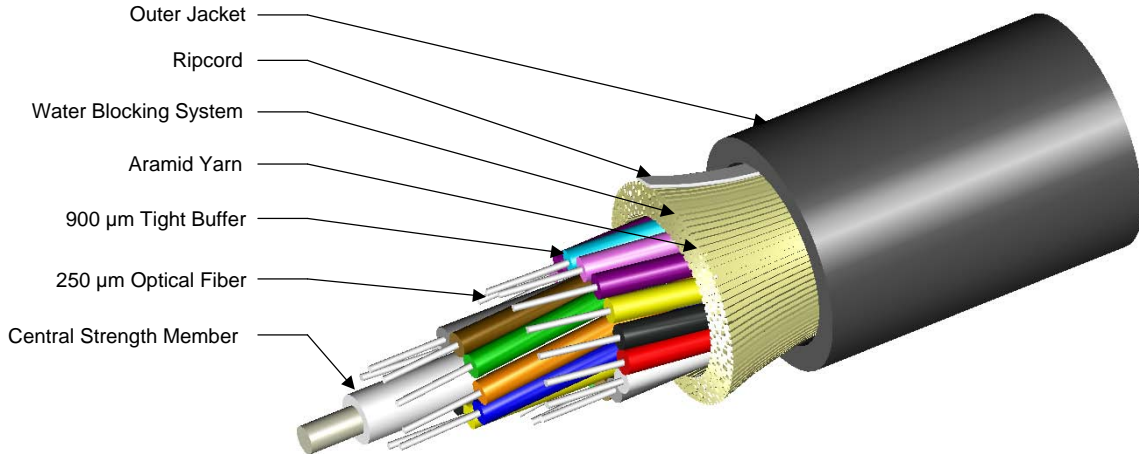
Single Unit

NEC Type: OFNR-LS - (UL) and c(UL)

5100 Series

SYSTIMAX®
SOLUTIONS

24 Fiber I/O Riser Distribution Single Unit 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	5100 002A XRBK†	0.15	(3.8)	7.8	(11.6)	3.0	(7.7)	1.5	(3.8)	225	(1,001)	68	(300)	1,640	(500)
4	5100 004A XRBK	0.20	(5.1)	13.5	(20.1)	4.0	(10.1)	2.0	(5.1)	300	(1,335)	90	(400)	1,640	(500)
6	5100 006A XRBK	0.22	(5.5)	17.6	(26.3)	4.4	(11.1)	2.2	(5.5)	300	(1,335)	90	(400)	1,640	(500)
8	5100 008A XRBK	0.25	(6.3)	23.7	(35.3)	5.0	(12.6)	2.5	(6.3)	300	(1,335)	90	(400)	1,640	(500)
12	5100 012A XRBK	0.28	(7.2)	32.6	(48.6)	5.6	14.2	2.8	7.1	400	(1,780)	120	(534)	1,640	(500)
18	5100 018A XRBK	0.31	(7.9)	37.0	(55.0)	6.2	(15.7)	3.1	(7.9)	300	(1,335)	90	(400)	1,640	(500)
24	5100 024A XRBK	0.34	(8.7)	45.2	(67.3)	6.8	(17.4)	3.4	(8.7)	300	(1,335)	90	(400)	1,640	(500)

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

†Design does not contain a central member

Environmental and Mechanical

	Specification	Test Method
Operating Temperature	-40°F to +158°F (-40°C to +70°C)	FOTP - 3
Installation Temperature	-22°F to +158°F (-30°C to +70°C)	N/A
Storage Temperature	-40°F to +167°F (-40°C to +75°C)	N/A
Crush Resistance	Exceeds 126 lbf/in (22 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

SYSTIMAX® Solutions Fiber Optic Premises cables are qualified to the requirements of *Telcordia GR-409-CORE, Issue 1*. Water penetration performance meets the requirements of *Telcordia GR-20-CORE Issue 2*.



Fiber and Cable Identification

Standard Jacket Color (according to fiber type)		
UV Stabilized Black		
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: 2/14/06

Visit our Web site at www.systimax.com or contact your local SYSTIMAX Solutions representative or SYSTIMAX BusinessPartner for more information.