



Cable Solutions

Fiber Optic Cable

Compact Building™ Cables: OFNR/FT-4 c(UL)us Riser



Fiber Cable Products

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Features

- 900µm tight buffered fibers designed for one-pass mechanical stripping
- Constructions above 24 fibers feature subunits
- All-dielectric construction includes aramid yarn tensile strength members
- Features AirES® technology to improve cable performance (up to 24 fibers)

Applications

- Designed for use in backbone or horizontal cable applications
- Vertical cable runs from cross-connects to telecommunication rooms
- Vertical cable runs from telecommunication rooms to consolidation points

Armored constructions are available. Please contact ADC.

Compliances

- Telcordia GR-409-CORE, EIA/TIA FOTPs
- TIA/EIA 568-B
- (UL) 1666, NEC OFNR, FT-4

Optical Performance

	Maximum Attenuation (dB/km)	Typical Attenuation (dB/km)	Bandwidth ¹ (MHz/km)
	850nm/1300nm	850nm/1300nm	850nm/1300nm
Multimode			
62.5/125	3.5/1.5	2.7/0.8	200/500
62.5/125 Enhanced	3.5/1.5	2.7/0.8	200/500
50/125	3.5/1.5	2.7/0.8	500/500
50/125 Enhanced	3.5/1.5	2.7/0.9	500/500
50/125 Ultra 300	3.5/1.5	2.7/0.9	2000 ² /500 ¹
50/125 Ultra 550	3.5/1.5	2.7/0.9	4700 ² /500 ¹
	1310nm/1550nm	1310nm/1550nm	1310nm/1550nm
Singlemode	1.0/1.0	0.4/0.3	N/A

¹Bandwidth measurements specified overfilled launch conditions (OFL)

²Bandwidth measurements specified by laser launch

Ordering information follows on the next page

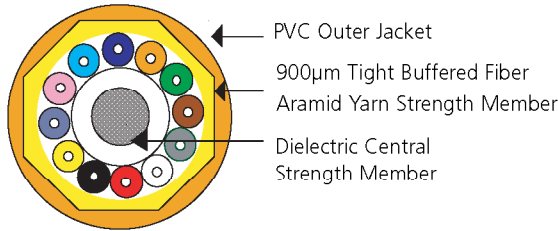


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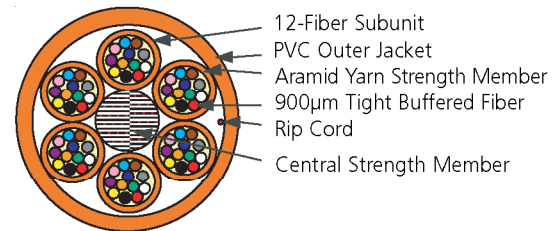
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12-Fiber Cable



72-Fiber Cable



Transmission Performance— Guaranteed Minimum Link Lengths

	Gigabit Ethernet Link Length (SX/LX)	10 Gigabit Ethernet Link Length (SR/LX4 ³)
Multimode		
62.5/125	300m/550m	35m/300m
62.5/125 Enhanced	500m/1000m	65m/300m
50/125	550m/550m	86m/300m
50/125 Enhanced	750m/2000m	110m/300m
50/125 Ultra 300	900m/550m	300m/300m
50/125 Ultra 550	1040m/550m	550m/300m
		(LR/ER)
Singlemode	NA/5000m	10km/40km

³10 Gigabit Ethernet distance guarantees at the long wavelength are achieved via four 3.125Gbps channels multiplexed with WWDM technology

Fiber Cable Products

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Ordering Information

Fibers	Diameter		Weight		Minimum Bend Radius				Catalog Number*
	mm	in	kg/km	lb/1000'	Loaded		Installed		
					cm	in	cm	in	
4	4.6	0.18	37	21	5.2	2.0	4.6	1.8	6004AIRCBCYYY
6	5.3	0.21	43	24	5.3	2.1	4.7	1.9	6006AIRCBCYYY
8	6.0	0.24	59	38	6.1	2.4	5.2	2.0	6008AIRCBCYYY
12	7.4	0.29	73	43	7.4	2.9	6.6	2.6	6012AIRCBCYYY
18	7.4	0.29	73	43	7.4	2.9	6.6	2.6	6018AIRCBCYYY
24	8.1	0.32	125	66	8.1	3.2	7.5	3.0	6024AIRCBCYYY
36	17.2	0.68	262	176	25.8	10.2	17.2	6.8	6036INHCBCYYY
48	19.8	0.78	307	206	29.7	11.7	19.8	7.8	6048INHCBCYYY
72	21.6	0.85	414	278	32.4	12.8	21.6	8.5	Q072INHCBCYYY
96	22.3	0.88	399	268	33.5	13.2	22.3	8.8	Q096INHCBCYYY
144	23.9	0.94	430	289	35.9	14.1	23.9	9.4	Q144INHCBCYYY

*Replace YYY with fiber type:

O10 = Singlemode

O62 = 62.5/125µm multimode

O62E = 62.5/125µm Enhanced multimode

O50 = 50/125µm multimode

O50E = 50/125µm Enhanced multimode

O50U = 50/125µm Ultra multimode for 300m 10Gbps

O50U5 = 50/125µm Ultra multimode for 550m 10Gbps