



Features and Benefits

- Single-mode and multimode fiber available.
- 900µm buffer for secure and reliable connectorization with all types of fiber connectors (125/250/900µm).
- Aramid yarn reinforcement for rugged protection.
- Highly flexible for ease of routing.
- OFNR-UL 1666 riser-rated as well as Canadian UL and CSA FT-4 listed.
- OFNP-UL 910 plenum-rated as well as Canadian UL and CSA FT-6 listed.
- Tested and designed in accordance to Bellcore GR-409-CORE, as well as EIA/TIA 568A.
- Ease of stripping for field installable connectors or splicing.
- Easily identifiable colored tight buffered fibers.

Applications

- Connectorized communications cables with send-and-receive and send-and-receive backup.
- Intrabuilding backbones.
- Routing between communications closets and equipment rooms.

QUAD-Link™ and Circular Premise Cables



Alcoa Fujikura Ltd.'s QUAD-Link™ and single unit Circular Premise Cables allow for packaging density and ease of routing for high fiber count applications. Buffered to 900µm, these cables can be directly terminated to today's connectors in loaded panels, or in communications closets.



SPECIFICATIONS

Riser Cable	Storage/Shipping	-40°F to +158°F	-40°C to +70°C
	Operating	-4°F to +158°F	-20°C to +70°C
Plenum Cable	Storage/Shipping	-40°F to +158°F	-40°C to +70°C
	Operating	-4°F to +158°F	-20°C to +70°C

	Single Mode	Multimode (50/125µm)	Multimode (62.5/125µm)
	(1310nm/1550nm)	(850nm/1300nm)	(850nm/1300nm)
Maximum Attenuation Loss	0.50/0.50 dB/km	3.5/2.0 dB/km	3.5/1.2 dB/km
Typical Attenuation Loss	0.40/0.30 dB/km	3.0/1.0 dB/km	3.0/1.0 dB/km
Bandwidth MHz/km	-/-	400/400	200/500

CABLE LENGTH - REEL SIZE

Item	Reel A	Reel B	Reel C
Reel Height (inches)	16.0	24.0	30.0
Reel Outside Width (inches)	15.25	18.25	15.25
Reel Weight (lbs)	8.0	24.0	32.0
Capacity: meters / (feet)			
6 Fiber CPC	1,000 / (3,281)	2,100 / (6,890)	5,000 / (16,405)
8 Fiber CPC	880 / (2,890)	1,800 / (5,900)	4,350 / (14,270)
12 Fiber CPC	640 / (2,100)	1,300 / (4,265)	3,200 / (10,500)

ORDERING INFORMATION

	PART #			FIBER COUNT	NOMINAL DIAMETER	WEIGHT	TENSION		BENDING RADIUS	
					Inches	lbs/1,00ft	Newtons (lbs)		Inches (mm)	
	Single Mode	50/125µm	62.5/125µm		(mm)	(kg/km)	Install	Long Term	Install	Long Term
QUAD- Link Riser	UR0049481001	UR0045481001	UR0046481001	4	0.19	17	1,400	700	3.1	2.0
					(4.80)	(25)	(315)	(157)	(80)	(50)
QUAD- Link Plenum	UP0049481001	UP0045481001	UP0046481001	4	0.19	17	1,400	700	3.1	2.0
					(4.80)	(25)	(315)	(157)	(80)	(50)
Riser CPC	CR0069441001	CR0065441001	CR0066441001	6	0.17	13	750	375	3.1	2.0
					(4.40)	(20)	(169)	(84)	(80)	(50)
	CR0089471001	CR0085471001	CR0086471001	8	0.17	13	750	375	3.1	2.0
					(4.70)	(20)	(169)	(84)	(80)	(50)
	CR0129551001	CR0125551001	CR0126551001	12	0.22	17	1,000	500	3.5	2.4
					(5.5)	(25)	(225)	(112)	(90)	(60)
Plenum CPC	CP0069441001	CP0065441001	CP0066441001	6	0.17	13	750	375	3.1	2.0
					(4.40)	(20)	(169)	(84)	(80)	(50)
	CP0089471001	CP0085471001	CP0086471001	8	0.17	13	750	375	3.1	2.0
					(4.70)	(20)	(169)	(84)	(80)	(50)
	CP0129551001	CP0125551001	CP0126551001	12	0.22	20	1,000	500	3.5	2.4
					(5.5)	(30)	(225)	(112)	(90)	(60)

* Fiber Type

5 = 50/125/250µm multimode

6 = 62.5/125/250µm multimode

9 = 9/125/250µm single-mode

Contact the factory for special fiber types/performance

Note: Diameter and weight subject to change without notice

FOR ADDITIONAL INFORMATION ON THIS OR OTHER PRODUCTS AND THEIR AVAILABILITY, PLEASE CONTACT FIBER OPTIC CENTER, INC.