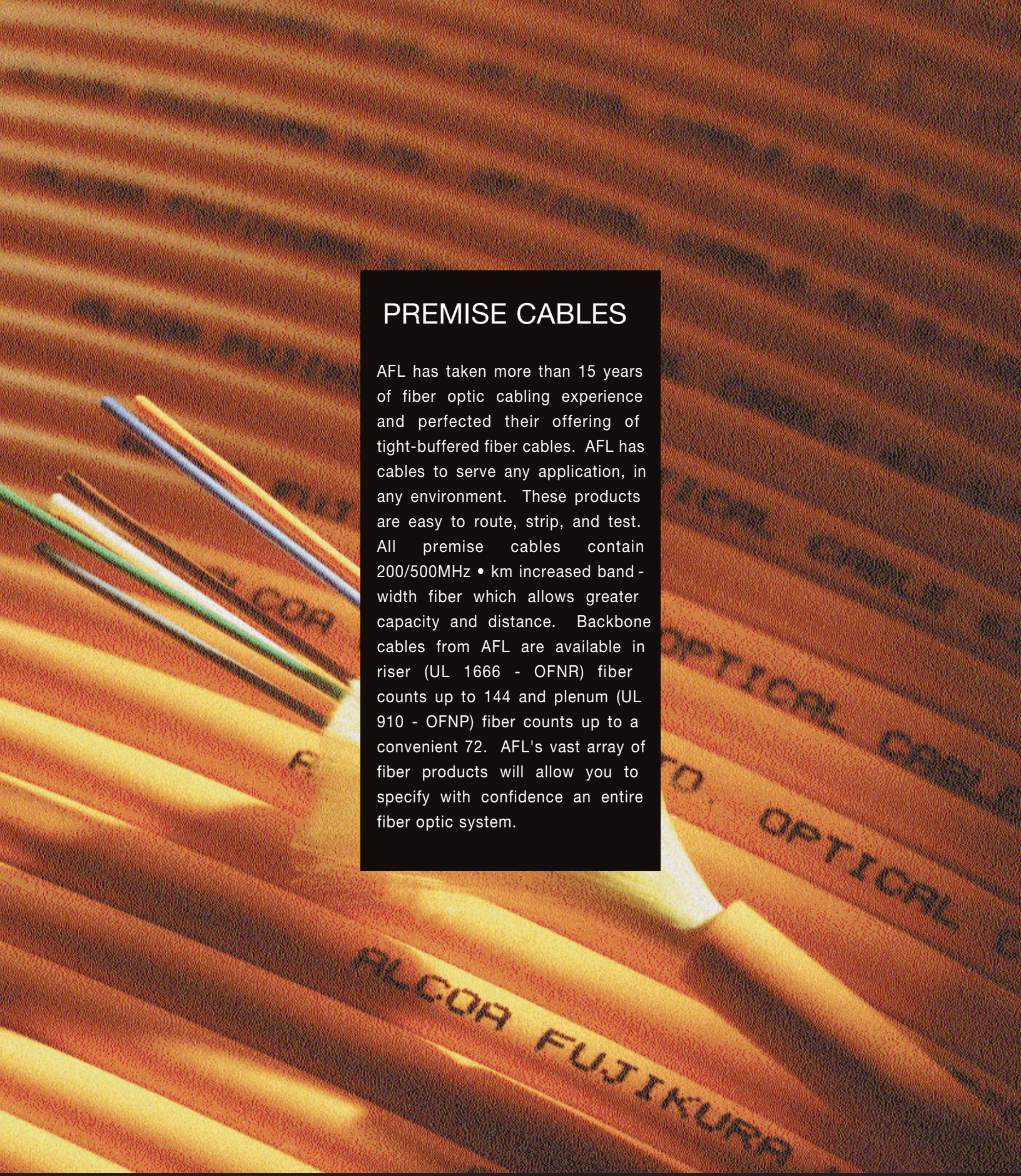


PREMISE CABLES

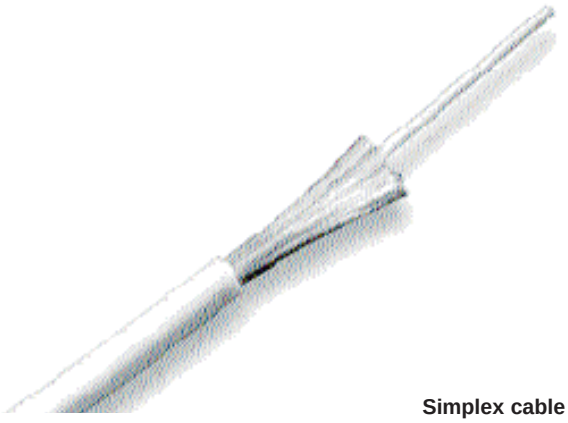
AFL has taken more than 15 years of fiber optic cabling experience and perfected their offering of tight-buffered fiber cables. AFL has cables to serve any application, in any environment. These products are easy to route, strip, and test. All premise cables contain 200/500MHz • km increased band - width fiber which allows greater capacity and distance. Backbone cables from AFL are available in riser (UL 1666 - OFNR) fiber counts up to 144 and plenum (UL 910 - OFNP) fiber counts up to a convenient 72. AFL's vast array of fiber products will allow you to specify with confidence an entire fiber optic system.

ALCOA

Alcoa Fujikura Ltd.
Telecommunications Division

www.aflfiber.com
1-800-235-3423

SIMPLEX CABLE



Simplex cable

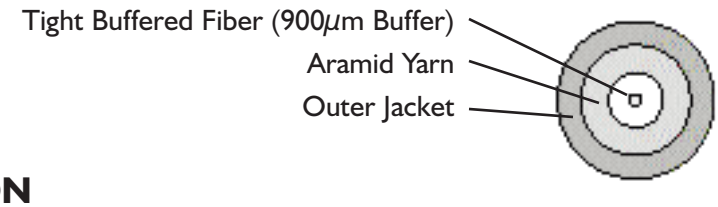
AFL's **Simplex** fiber optic cables provide the strength and flexibility required for today's fiber networks. Specific applications include the following:

- Fiber patch panels within communications closets
- Communications closet to wall outlets
- Wall outlet to desk top (open office)
- Dropped ceiling (plenum) applications
- Connectorized patch cords for cross connect applications

FEATURES & 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

SIMPLEX CABLE



ORDERING INFORMATION

Configuration	Item Number			Fiber Count	Nominal Diameter	Weight	Tension		Bending radius	
							Newtons (lbs)		inches (mm)	
					inches	lbs/1,000ft	Installation	Long Term	Installation	Long Term
	Single-Mode	50/125μm	62.5/125μm		(mm)	(kg/km)				
Riser Simplex Cable	SR0019161001	SR0015161001	SR0016161001	1	0.06	2	190	95	2.0	1.2
					(2.0)	(3)	(43)	(21)	(50)	(30)
	SR0019201001	SR0015201001	SR0016201001	1	0.08	3	190	95	2.0	1.2
					(2.4)	(4)	(43)	(21)	(50)	(30)
	SR0019241001	SR0015241001	SR0016241001	1	0.09	3	500	250	2.0	1.2
					(3.0)	(5)	(112)	(56)	(50)	(30)
	SR0019301001	SR0015301001	SR0016301001	1	0.11	5	500	250	2.0	1.2
					(2.9)	(7)	(112)	(56)	(50)	(30)
Plenum Simplex Cable	SP0019301001	SP0015301001	SP0016301001	1	0.11	6	500	250	2.0	1.2
					(2.9)	(9)	(112)	(56)	(50)	(30)

TEMPERATURE RANGE

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

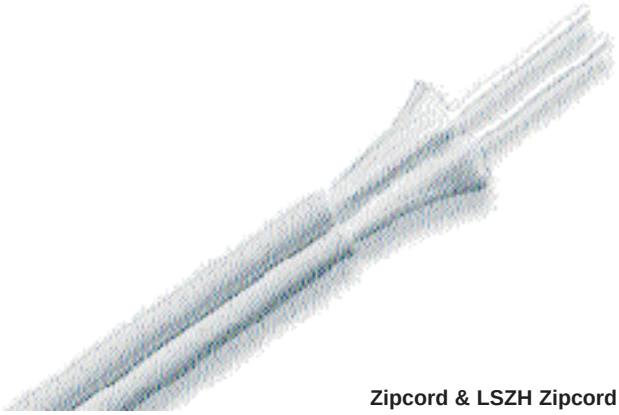
OPTICAL SPECIFICATIONS

	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	160/500

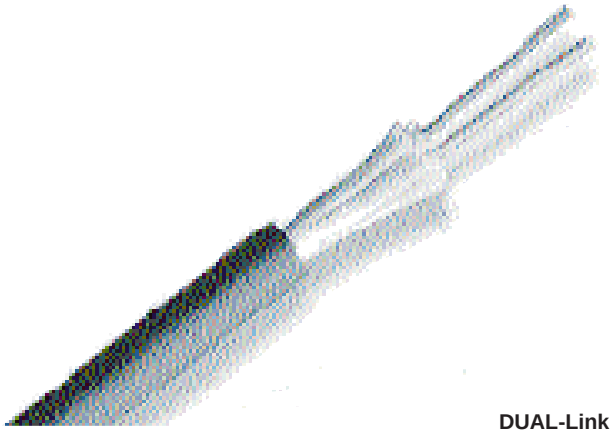
CABLE LENGTH - REEL SIZE

Item	Reel A	Reel B
Reel Height (inches)	14.5	24.0
Reel Outside Width (inches)	16.0	18.0
Reel Weight (lbs)	6.0	20.0
Capacity: meters / (feet)		
Simplex 2.0	4,200 / (13,780)	4,200 / (13,780)
Simplex 2.4	3,500 / (11,484)	5,000 / (16,405)
Simplex 3.0	1,950 / (6,398)	5,000 / (16,405)

LSZH ZIPCORD & DUAL-LINK CABLE



Zipcord & LSZH Zipcord



DUAL-Link

AFL's **Zipcord** and **DUAL-Link** cables are available to provide links to the future for such protocols as FDDI, Gigabit Ethernet, ATM, and Fibre channel. Connections are easy to terminate with this flexible, two-fiber design. Specific applications include:

- Fiber to the desk
- Multiple fiber patchcords for interconnect and cross connect
- Fibre Channel
- Easy interface to ESCON® and FDDI connectors
- Meets JIS Standard C5970

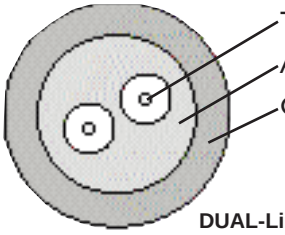
FEATURES & BENEFITS

- Easy identification of individual fibers
- Single-mode and multimode fiber available
- 900μm for secure and reliable buffer connectorization with all types of fiber connectors
- Aramid yarn reinforcement for rugged protection
- Highly flexible for ease of routing
- 2.8mm Micro DUAL-Link and 2.0mm Zipcord available for crowded routing environments
- 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
- Ease of stripping for field installable connectors or splicing

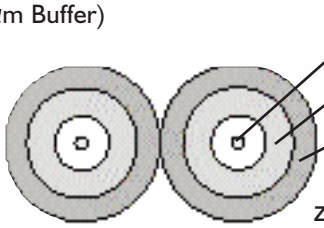
NEW

- **Low Smoke Zero Halogen Cable (LSZH)** does not produce corrosive gases when burned. This is especially important when cables are in areas with expensive electronic equipment.
- This cable is also listed to the UL-1666 Riser rating, allowing it to be used inside a buildings' riser shaft.
- The specialized jacketing material used in this construction is extremely flexible, and easy to handle in all situations.
- This design produces an extremely tough construction, which will maintain its performance in demanding environments.

DUAL-LINK & ZIPCORD CABLE



DUAL-Link



Zipcord & LSZH Zipcord

MECHANICAL SPECIFICATIONS

	Item Number			Fiber Count	Nominal Diameter	Weight	Tension		Bending Radius	
					inches	lbs/1,000ft	Newtons (lbs)		inches (mm)	
	Single-Mode	50/125μm	62.5/125μm		(mm)	(kg/km)	Installation	Long Term	Installation	Long Term
Riser Zipcord	ZR0029301001	ZR0025301001	ZR0026301001	2	0.22x0.29	10	1,000	500	2.0	1.2
					(2.90X6.0)	(15)				
	ZR0029241001	ZR0025241001	ZR0026241001	2	.09X.19	10	1,000	500	2.0	1.2
					(2.4X4.8)	(15)				
	ZR0029201001	ZR0025201001	ZR0026201001	2	.08X.16	10	1,000	500	2.0	1.2
					(2.0X4.0)	(15)				
Plenum Zipcord	ZP0029301001	ZP0025301001	ZP0026301001	2	.12X.24	11	1,000	500	2.0	1.2
					(2.90X6.0)	(17.8)				
Riser LSZH Zipcord	ZE0029301001	ZE0025301001	ZE0026301001	2	.12X.24	10	1,000	500	2.0	1.2
					(2.9x6.0)	(15)				
Riser DUAL-Link	DR0029281001	DR0025281001	DR0026281001	2	0.11	5	500	250	3.1	2.0
					(2.80)	(7)				
	DR0029481001	DR0025481001	DR0026481001	2	0.19	13	1,000	500	3.1	2.0
					(4.80)	(20)				
Plenum DUAL-Link	DP0029481001	DP0025481001	DP0026481001	2	0.19	17	1,000	500	3.1	2.0
					(4,80)	(25)				

TEMPERATURE RANGE

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

OPTICAL SPECIFICATIONS

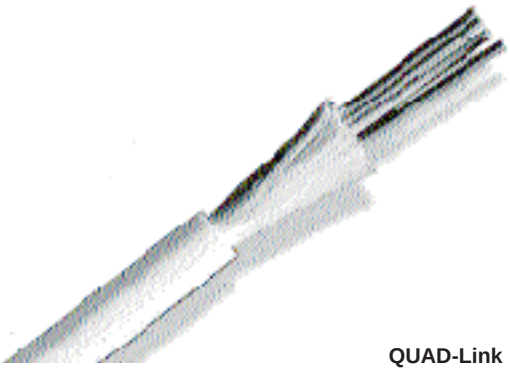
	Single-Mode	Multimode (50/125μm)	Multimode (62.5/125μm)
	(1310nm/1550nm)	(850nm/1300nm)	(850nm/1300nm)
Maximum Attenuation Loss	0.50/0.50 dB/km	3.5/2.0 dB/km	3.5/1.2 dB/km
Typical Attenuation Loss	0.40/0.30 dB/km	3.0/1.0 dB/km	3.0/1.0 dB/km
Bandwidth MHz/km	—/—	400/400	160/500

CABLE LENGTH - REEL SIZE

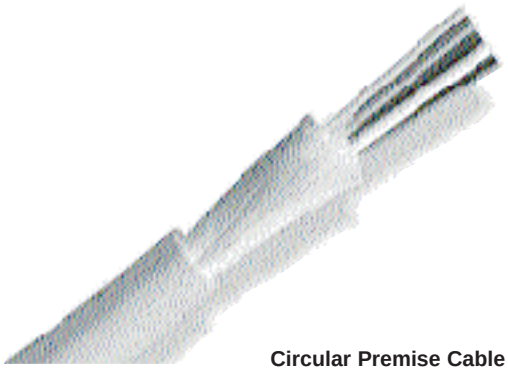
Item	Reel A	Reel B
Reel Height (inches)	14.5	24.0
Reel Outside Width (inches)	16.0	18.0
Reel Weight (lbs)	6.0	20.0
Capacity: meters / (feet)		
Zipcord 2.0mm	2,100 / (6,890)	2,100 / (6,890)
Zipcord 2.4mm	1,750 / (5,742)	2,500 / (8,203)
Zipcord 3.0mm	970 / (3,183)	2,500 / (8,203)
DUAL-Link 2.8mm	2,200 / (7,218)	2,200 / (7,218)
DUAL-Link 4.8mm	750 / (2,461)	2,500 / (8,203)

Alcoa Fujikura Ltd.
Telecommunications Division

QUAD-LINK & CIRCULAR PREMISE CABLE
(up to 12 fibers in a single unit)



QUAD-Link



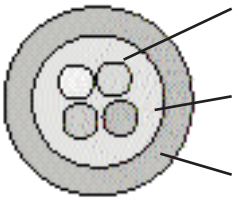
Circular Premise Cable

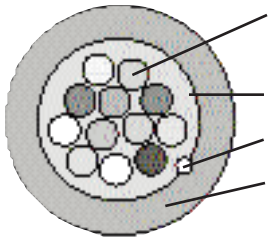
Alcoa Fujikura Ltd.'s **QUAD-Link™** and single unit **Circular Premise Cables** allow for packaging density and ease of routing for high fiber count applications. Buffered to 900μm, these cables can be directly terminated to today's connectors in loaded panels, or in communications closets. Specific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

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

FEATURES & BENEFITS
- 200/500 MHz • km (increased bandwidth) for higher data rates
- 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
- Ease of stripping for field installable connectors or splicing
- Easily identifiable color coded tight-buffered fibers

QUAD-LINK & CIRCULAR PREMISE CABLE





MECHANICAL SPECIFICATIONS

	Item Number			Fiber Count	Nominal Diameter	Weight	Tension		Bending Radius	
					inches	lbs/1,000ft	Newtons (lbs)		inches (mm)	
	Single-Mode	50/125µm	62.5/125µm		(mm)	(kg/km)	Installation	Long Term	Installation	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	20	1,400	700	3.1	2.0
					(4.90)	(30)	(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	0.19	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	0.19	17	750	375	3.1	2.0
					(4.70)	(25)	(169)	(84)	(80)	(50)
	CP0129551001	CP0125551001	CP0126551001	12	0.22	20	1,000	500	3.5	2.4
					(5.50)	(30)	(225)	(112)	(90)	(60)

TEMPERATURE RANGE

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

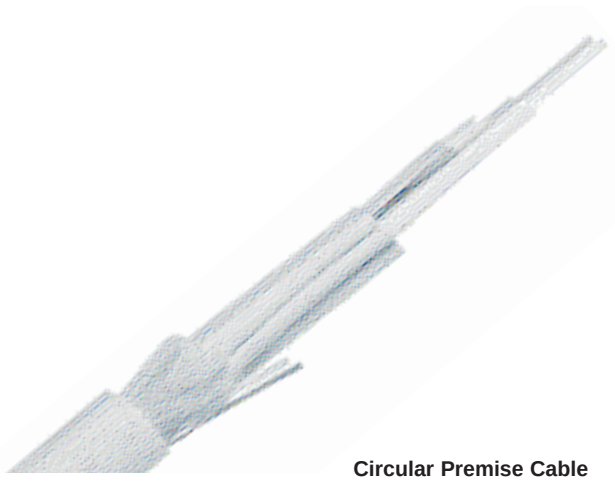
OPTICAL SPECIFICATIONS

	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

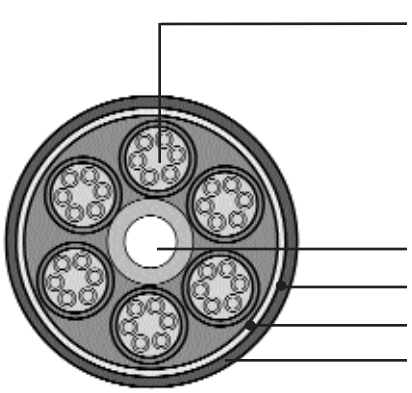
CABLE LENGTH - REEL SIZE

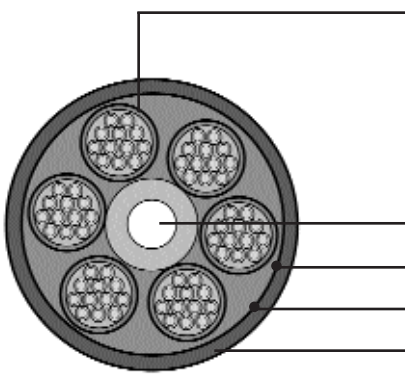
Item	Reel A	Reel B	Reel C
Reel Height (inches)	16.0	24.0	30.0
Reel Outside Width (inches)	15.25	18.25	15.25
Reel Weight (lbs)	8.0	24.0	32.0
Capacity: meters / (feet)			
6 Fiber CPC	1,000 / (3,281)	2,100 / (6,890)	5,000 / (16,405)
8 Fiber CPC	880 / (2,890)	1,800 / (5,900)	4,350 / (14,270)
12 Fiber CPC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

MULTI-UNIT CIRCULAR PREMISE CABLE



Circular Premise Cable





AFL's **Multi-Unit Circular Premise Cables** allow for use in applications requiring fiber counts between 24 and 144 fibers. Unitized construction allows for ease of fiber identification and rapid installation. Specific applications include:

- Head-end termination to a fiber "backbone"
- Termination of fiber rack systems
- Multi-floor deployment where select fibers are used at each floor
- Intrabuilding "backbones"

FEATURES & BENEFITS

- 200/500 MHz • km (increased bandwidth) for higher data rates
- Single-mode & multimode fiber available, as well as hybrid cables with multiple fiber types
- 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
- Ease of stripping for field installable connectors or splicing
- Easily identifiable colored fibers and unitized subgroups

MECHANICAL SPECIFICATIONS

Configuration	Item Number			Fiber Count	Nominal Diameter	Weight	Tension		Bending Radius	
					inches	lbs/1,000ft	Newtons (lbs)		Inches (mm)	
	Single-Mode	50/125µm	62.5/125µm		(mm)	(kg/km)	installation	Long Term	installation	Long Term
Multi-unit CPC Riser	CR0249441001	CR0245441001	CR0246441001	24	.52	87	3000	1500	22	14
					(13.3)	(130)	(674)	(337)	(8.7)	(5.5)
	CR0369441001	CR0365441001	CR0366441001	36	.63	128	4500	2250	26	16
					(15.9)	(190)	(1012)	(506)	(10.2)	(6.3)
	CR0489551001	CR0485551001	CR0486551001	48	.63	121	4000	2000	26	16
					(15.9)	(180)	(899)	(450)	(10.2)	(6.3)
	CR0609551001	CR0605551001	CR0606551001	60	.69	148	5000	2500	29	18
					(17.6)	(220)	(1124)	(562)	(11.4)	(7.1)
	CR0729551001	CR0725551001	CR0726551001	72	.76	185	6000	3000	31	20
					(19.3)	(275)	(1349)	(674)	(12.2)	(7.9)
	CR0969551001	CR0965551001	CR0966551001	96	.89	289	8000	4000	37	23
					(22.5)	(400)	(1798)	(899)	(14.6)	(9.1)
	CR1209551001	CR1205551001	CR1206551001	120	1.035	366	10000	5000	42	27
					(26.3)	(545)	(2248)	(1124)	(16.5)	(10.6)
	CR1449551001	CR1445551001	CR1446551001	144	.98	275	12000	6000	40	25
					(25.0)	(410)	(2698)	(1349)	(15.7)	(9.8)
Multi-unit CPC Plenum	CP0249441001	CP0245441001	CP0246441001	24	.52	104	3000	1500	22	14
					(12.9)	(155)	(674)	(337)	(8.7)	(5.5)
	CP0369441001	CP0365441001	CP0366441001	36	.61	148	4500	2250	26	16
					(16.5)	(220)	(1012)	(506)	(10.2)	(6.3)
	CP0489551001	CP0485551001	CP0486551001	48	.62	141	4000	2000	26	16
					(15.8)	(210)	(899)	(450)	(10.2)	(6.3)
	CP0609551001	CP0605551001	CP0606551001	60	.68	171	5000	2500	28	18
					(17.2)	(255)	(1124)	(562)	(11.0)	(7.1)
	CP0729551001	CP0725551001	CP0726551001	72	.74	212	6000	3000	31	19
					(18.9)	(315)	(1349)	(674)	(12.2)	(7.5)

TEMPERATURE RANGE

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

OPTICAL SPECIFICATIONS

	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

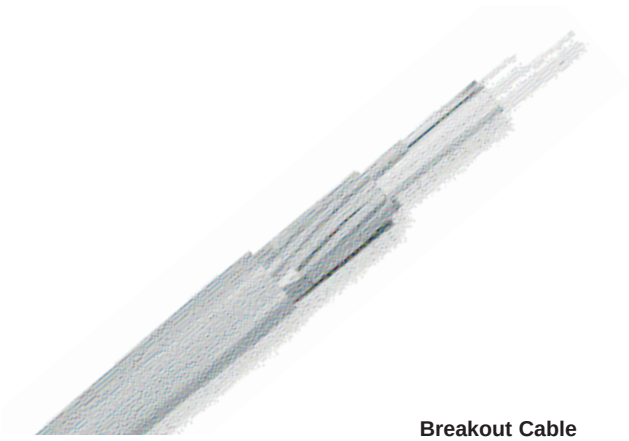
CABLE LENGTH - REEL SIZE

Item Description	Reel C
Reel Height (inches)	42
Reel Outside Width (inches)	36
Reel Weight (lbs)	150
Capacity: meters / (feet)	
24 Fiber CPC	1,700 / (5,578)
36 Fiber CPC	1,200 / (3,937)
48 Fiber CPC	1,100 / (3,609)
60 Fiber CPC	750 / (2,461)
72 Fiber CPC	750 / (2,461)

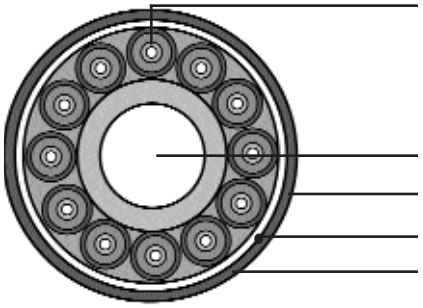
Fiber Types
*** 5 = 50/125/250µm multimode**
6 = 62.5/125/125µm multimode
9 = 9/125µm single-mode
Contact the factory for special fiber types/performance

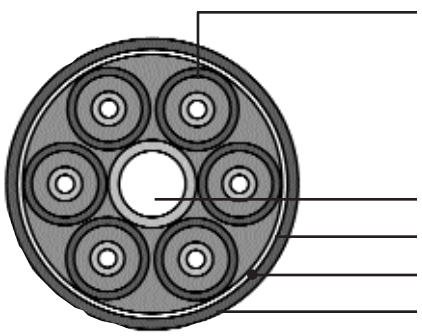
Note: Diameter and weight subject to change without notice

BREAKOUT CABLE



Breakout Cable





AFL's **Breakout Cables** combine multiple fiber flexibility with the strength of individually jacketed fibers. Breakout cables from AFL can be terminated for fanout assemblies. Other specific applications include:

- Rugged multi-fiber cross-connects
- Intrabuilding "backbone"
- Fiber "backbone" to communications closet

FEATURES & BENEFITS

- 200/500 MHz• km (increased bandwidth) for higher data rates
- Single-mode and multimode fiber available
- 900μm buffer for reliable and secure 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
- Ease of stripping for field installable connectors or splicing
- Easily identifiable subunits
- Riser sub-units 2.4mm, Plenum sub-units 3.0mm

BREAKOUT CABLE

MECHANICAL SPECIFICATIONS

	Item Number	Item Number	Item Number	Fiber Count	Nominal Diameter	Weight	Tension		Bending Radius	
							Newtons (lbs)		inches (mm)	
					inches	lbs/1,000 ft	Installation	Long Term	Installation	Long Term
	Single-Mode	50/125µm	62.5/125µm		(mm)	(kg/km)				
Riser Breakout Cable	BR0049241001	BR0045241001	BR0046241001	4	0.33	44	2,000	1,000	5.1	3.1
					(8.5)	(65)	(448)	(225)	(130)	(80)
	BR0069241001	BR0065241001	BR0066241001	6	0.40	64	3,000	1,500	6.3	3.9
					(10.1)	(95)	(674)	(337)	(160)	(100)
	BR0089241001	BR0085241001	BR0086241001	8	0.46	84	4,000	2,000	7.1	4.3
					(11.6)	(125)	(899)	(449)	(180)	(110)
	BR0109241001	BR0105241001	BR0106241001	10	0.52	111	5,000	2,500	8.3	5.1
					(13.2)	(165)	(1,124)	(561)	(210)	(130)
	BR0129241001	BR0125241001	BR0126241001	12	0.58	138	6,000	3,000	9.1	5.5
					(14.7)	(205)	(1,398)	(674)	(230)	(140)
Plenum Breakout Cable	BP0049301001	BP0045301001	BP0046301001	4	0.36	60	2,000	1,000	5.9	3.5
					(9.1)	(90)	(449)	(225)	(150)	(90)
	BP0069301001	BP0065301001	BP0066301001	6	0.42	84	3,000	1,500	6.7	4.3
					(10.6)	(125)	(674)	(337)	(170)	(110)

TEMPERATURE RANGE

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

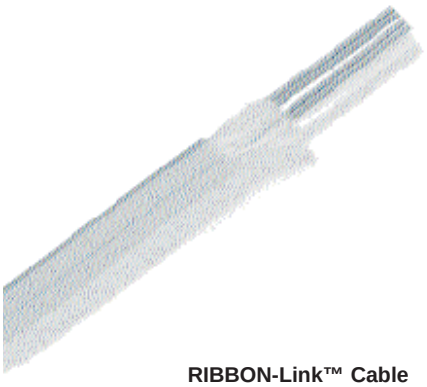
OPTICAL SPECIFICATIONS

	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

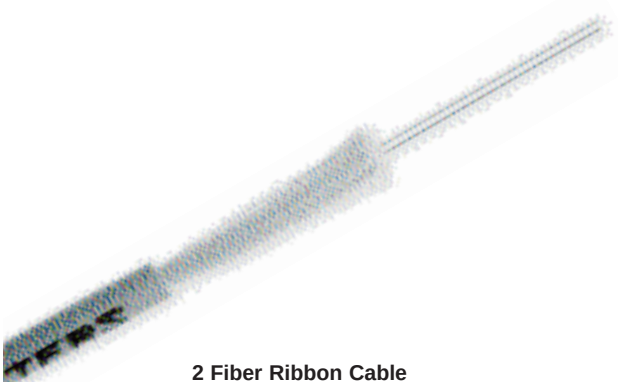
CABLE LENGTH - REEL SIZE

Item	Reel B	Reel C
Reel Height (inches)	24	42
Reel Outside Width (inches)	18	36
Reel Weight (lbs)	20	150
Capacity: meters / (feet)		
4 Fiber Breakout	650 / (2,133)	3,000 / (9,843)
6 Fiber Breakout	500 / (1,641)	3,000 / (9,843)
8 Fiber Breakout	400 / (1,312)	2,960 / (9,712)
10 Fiber Breakout	300 / (984)	2,250 / (7,382)
12 Fiber Breakout	250 / (820)	1,800 / (5,906)

RIBBON-LINK™ CABLE



RIBBON-Link™ Cable



2 Fiber Ribbon Cable

AFL's **RIBBON-Link**™ cables combine high fiber density in a small diameter, flexible package. These cables can be terminated with 12 fiber connectors or the fibers fanned out and terminated individually. Specific applications include:

- Direct interface to computers with the use of "backplane" style fiber connectors
- High density interconnection to wall outlets or patch panels with ribbon connector interfaces
- "Micro-diameter" fanout cables utilizing standard industry fiber connectors (ST®, SC, FC, etc.)

FEATURES & BENEFITS

- 200/500 MHz • km (increased bandwidth) for higher data rates
- Single-mode and multimode fiber types available
- Fiber counts up to twenty-four with unitized, zip configuration construction
- Maximum of twelve fibers per unit
- Skew matched ribbons available
- Easy interface to MT and MTP connectors as well as today's newest ribbon connectors
- Qualified to both UL Riser and Plenum, as well as Canadian UL and CSA
- Designed and tested in accordance with Bellcore GR-409-CORE
- Maximum fiber capacity in a small interconnect unit for ultra high density routing or wiring directly to a PC
- Easily identifiable colored fibers
- One cable for both riser and plenum applications

RIBBON-LINK™ CABLE

MECHANICAL SPECIFICATIONS

Configuration	Item Number			Fiber Count	Nominal Diameter	Weight	Tension		Bending Radius	
					inches	lbs/1,000ft	Newtons (lbs)		inches (mm)	
	Single-Mode	50/125µm	62.5/125µm		(mm)	(kg/km)	Installation	Long Term	Installation	Long Term
Plenum RIBBON-Link™ Cable	WP0049141102	WP0045141102	WP0046141102	4	0.09 X 0.16	4.7	1,100	550	2.6	1.6
					(2.2 X 4.0)	(7)	(247)	(124)	(65)	(40)
	WP0069161102	WP0065161102	WP0066161102	6	0.09 X 0.16	5.4	1,100	550	2.6	1.6
					(2.2 X 4.0)	(8)	(247)	(124)	(65)	(40)
	WP0089181102	WP0085181102	WP0086181102	8*	0.09 X 0.16	6.1	1,100	550	2.6	1.6
					(2.2 X 4.0)	(9)	(247)	(124)	(65)	(40)
	WP01091A1102	WP01051A1102	WP01061A1102	10	0.09 X 0.16	6.7	1,100	550	2.6	1.6
					(2.2 X 4.0)	(10)	(247)	(124)	(65)	(40)
	WP01291C1102	WP01251C1102	WP01261C1102	12*	0.09 X 0.18	7.4	1,100	550	2.6	1.6
					(2.2 X 4.5)	(11)	(247)	(124)	(65)	(40)
	WP0089241102	WP0085241102	WP0086241102	8**	0.09 X 0.32	10.8	2,200	550	2.6	1.6
					(2.2 X 8.2)	(16)	(494)	(247)	(65)	(40)
	WP0129261102	WP0125261102	WP0126261102	12**	0.09 X 0.32	12.1	2,200	550	2.6	1.6
					(2.2 X 8.2)	(18)	(494)	(247)	(65)	(40)
	WP0169281102	WP0165281102	WP0166281102	16	0.09 X 0.32	13.4	2,200	550	2.6	1.6
					(2.2 X 8.2)	(20)	(494)	(247)	(65)	(40)
	WP02092A1102	WP02052A1102	WP02062A1102	20	0.09 X 0.32	17.8	2,200	550	2.6	1.6
					(2.2 X 8.2)	(22)	(494)	(247)	(65)	(40)
	WP02492C1102	WP02452C1102	WP02462C1102	24	0.09 X 0.36	16.1	2,200	550	2.6	1.6
					(2.2 X 9.2)	(24)	(494)	(247)	(65)	(40)
2F RIBBON Cable	WR0029301001	WR0025301001	WR0026301001	2	.11	6	500	250	2.0	1.2
					(2.9)	(7)	(112)	(56)	(50)	(30)

* Fibers are contained within one unit

** Fibers are contained within two units

TEMPERATURE RANGE

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

OPTICAL SPECIFICATIONS

	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

MINI-LINK I & II

MINI-Link I (1.6mm)

MINI-Link II (900µm)

AFL's new **MINI-Link** cables combine high fiber density in an extremely small design. This cable is ideal for crowded cable trays and high fiber patch and/or splice panels.

- Interconnect cable for high density cable applications
- Exceptional stripping performance
- Small size ideal for crowded cable trays and high fiber count distribution panels
- Single-mode and multimode offered
- All standard EIA/TIA 568A colors

FEATURES & BENEFITS

- Simplex and zipcord riser cable product
- Ideal for high density cable routing in fiber management trays or for patch panel to patch panel applications
- Also designed for patch panels in communication closets where cabling real estate conservation is a necessity
- Single-mode and multimode offered
- Cable tested and complies with bellcore GR-409-Core, Issue 1
- UL listed type OFNR, US and Canadian

MINI-LINK I & II

MECHANICAL SPECIFICATIONS

Configuration	Item Number				Fiber Count	Nominal Diameter	Weight	Tension Newtons (lbs)		Bending Radius inches	
	Single-Mode	50/125µm	62.5/125µm	100/140µm		mm	kg/km	Installation	Long Term	Installation	Long Term
1.6 Simplex Riser Cable	SR0019161001	SR0015161001	SR0016161001	SR0011161001	1	1.6	2.6	280	140	5	3
900µm Interconnect Cable	SX0019091001	SX0015091001	SX0016091001	SX0011901001	1	900µm	0.7	60	25	4	2

TEMPERATURE RANGE

1.6mm Simplex Riser Cable	Storage/Shipping	-40°F to 158°F	-40°C to 70°C
	Operation/Installation	-4°F to 158°F	-20°C to 70°C
900µm Interconnect Cable	Storage/Shipping	-20°F to 158°F	-20°C to 70°C
	Operation/Installation	-4°F to 70°F	-20°C to 70°C

OPTICAL SPECIFICATIONS

1.6mm Simplex Riser Cable	Single-Mode	50/125µm	62.5/125µm	100/140µm
	1300nm/1550nm	850nm/1300nm	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	5.5/3.5 dB/km
Bandwidth MHz/km	-/-	400/400	160/500	100/100
900µm Interconnect Cable	Single-Mode	50/125µm	62.5/125µm	100/140µm
	1310nm/1550nm	850nm/1300nm	850/1300nm	850nm/1300nm
Maximum Attenuation Loss	0.50/0.50 dB/km	3.5/2.0 dB/km	3.5/1.2 dB/km	5.5/3.5 dB/km
Bandwidth MHz/km	-/-	400/400	160/500	100/100

250 MICRON CABLE OPTIONS
"QUICK-STRIP" TIGHT BUFFER CABLES

"Quick Strip"

- Tight buffered fiber that strips down to 250 micron (primary coated) fiber in single, long passes
- Strips up to one meter in a single pass
- Enables ribbonizing of premise cable in multi-fiber applications
- Allows for packaging density in crowded splice tray environments
- Convenience of a loose tube cable (with splicing and fiber handling) combined with the convenience of a UL listed cable in one package
- Available with Alcoa Fujikura Ltd.'s entire line of tight-buffered fiber cable products
- Minimal price premium for maximum product flexibility
- Colored fiber within colored buffers