

## QUAD-link & Circular Premise Cable

QUAD-Link and single unit Circular Premise Cable designs allow for excellent packaging density, flexibility, and ease of routing. Buffered to 900 μm, these cables can be directly terminated into connectors in loaded panels or in communications closets.

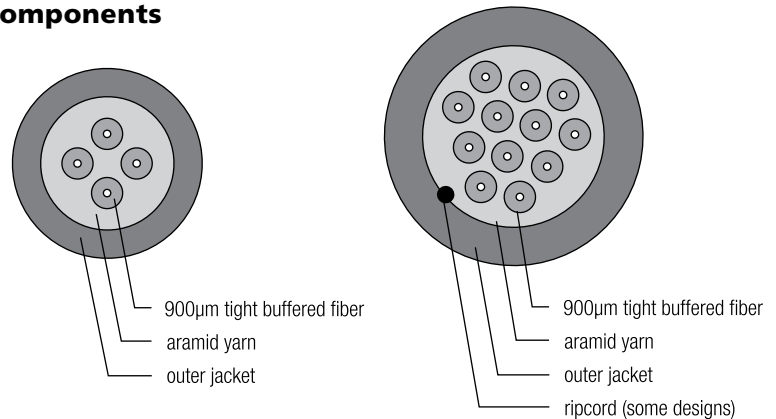
### Applications

- Connectorized communications cables with both send-and-receive and send-and-receive backup in a single unit
- Routing between communications closets and equipment rooms
- Intrabuilding backbones

### Features

- Tested to meet or exceed EIA/TIA 568-A / GR-409-CORE
- Compliant to Directive 2002/95/EC (RoHS)
- Mixed fiber designs available

### Cable Components



### Mechanical Data

CABLE TYPE	AFL NO.		FIBER COUNT	NOMINAL DIAMETER	WEIGHT		TENSION		BENDING RADIUS		TEMPERATURE RANGE		
	RISER	PLENUM			INCHES (MM)	RISER	PLENUM	LBS (N)		INCHES (CM)		OPERATING/INSTALLATION	STORAGE
						LBS/1000 FT (KG/KM)	LBS/1000 FT (KG/KM)	INSTALLATION	LONG TERM	INSTALLATION	LONG TERM		
QUAD-Link	UA004★481001	UP004★481001	4	0.19 (4.8)	17 (25)	20 (30)	100 (440)	30 (132)	3.0 (7.2)	2.0 (5.0)	RISER: -20°C to +70°C  PLENUM: 0°C to +70°C	-40°C to +75°C	
CPC	CR006★441001	CP006★441001	6	0.17 (4.4)	12 (17)	13 (20)	100 (440)	30 (132)	3.0 (7.2)	2.0 (5.0)			
	CR008★481001	CP008★481001	8	0.19 (4.8)	13 (19)	17 (25)	100 (440)	30 (132)	3.0 (7.2)	2.0 (5.0)			
	CR012★551001	CP012★551001	12	0.22 (5.5)	17 (25)	20 (30)	100 (440)	30 (132)	3.5 (8.3)	2.5 (5.5)			
	CR018★801001	CP018★761001	18	0.32 (8.0)	34 (50)	38 (56)	100 (440)	30 (132)	5.0 (12.0)	3.2 (8.0)			
	CR024★891001	CP024★841001	24	0.34 (8.5)	41 (61)	46 (69)	150 (660)	45 (198)	5.5 (12.9)	3.5 (8.6)			

★ Please specify fiber type when ordering (see below)

- 5 = 50/125 μm multimode GIGA-Link™ 600
- 7 = 50/125 μm multimode GIGA-Link™ 2000
- 6 = 62.5/125 μm multimode GIGA-Link™ 300
- 8 = 62.5/125 μm multimode GIGA-Link™ 1000
- 9 = 9/125 μm single-mode
- L = 50/125 μm multimode Laser-Link 300 for 10 Gigabit Ethernet
- K = Single-mode Futureguide SR-15e Bend Insensitive

Contact Customer Service for special fiber types/performance needs.

## QUAD-link & Circular Premise Cable

### Specifications

CORE SIZE/ FIBER TYPE	ISO/ IEC	MAXIMUM ATTENUATION (DB/KM)			OVERFILL LAUNCH MIN. BANDWIDTH (MHZ•KM)		EMB <sub>c</sub> (MHZ•KM)	GIGABIT ETHERNET MIN. LINK DISTANCE (METERS)		10 GIGABIT ETHERNET MIN. LINK DISTANCE (METERS)	
		850 NM	1300 NM	1550 NM	850 NM	1300 NM		850 NM	1300 NM	850 NM	1300 NM
(6) 62.5 Giga-Link™ 300	OM1	3.5	1.2	N/A	200	600	N/A	300	550	32	—
(8) 62.5 Giga-Link™ 1000	OM1	3.5	1.2	N/A	350	600	N/A	500	1000	65	—
(5) 50 Giga-Link™ 600	OM2	3.5	1.5	N/A	500	500	N/A	600	600	82	—
(7) 50 Giga-Link™ 2000	OM2	3.5	1.2	N/A	500	800	N/A	750	2000	110	—
(A) 50 Laser-Link 150	OM2	3.0	1.2	N/A	700	500	950	800	550	150	—
(L) 50 Laser-Link 300	OM3	3.0	1.2	N/A	1500	500	2000	1000	550	300	—
(C) 50 Laser-Link 550	OM4	3.0	1.2	N/A	3500	550	4700	1040	550	550	—
(K) SM Futureguide SR-15e Bend Insensitive (ITU G. 657.A)	OS2	N/A	0.5	0.5	N/A	N/A	N/A	N/A	5000	N/A	10,000
(9) SM	OS2	N/A	0.5	0.5	N/A	N/A	N/A	N/A	5,000	N/A	10,000
(1) 100/140 Multimode		5.5	3.5	N/A	100	100	N/A	N/A	N/A	N/A	N/A

Tested to meet or exceed EIA/TIA 568-B3 / Telcordia GR-409-CORE

### Maximum Cable Length - Reel Size

ITEM	FIBER BOX*	REEL A	REEL B	REEL C	REEL D
Reel/Box Height (inches)	15.13	16	24	30	34
Reel/Box Outside Width (inches)	13.0	15	17	15.25	21.25
Drum Diameter (inches)	8.0	8	12	12	12
Reel Weight (lbs)	6.0	10	23	34	44
<b>CAPACITY: METERS (FEET)</b>					
4 Fiber Quad-Link	305 (1,000)	1,000 (3,281)	3,200 (10,500)	5,000 (16,404)	—
6 Fiber CPC	305 (1,000)	1,200 (3,937)	3,800 (12,467)	5,000 (16,404)	—
8 Fiber CPC	305 (1,000)	1,000 (3,281)	3,200 (10,500)	5,000 (16,404)	—
12 Fiber CPC	305 (1,000)	800 (2,625)	2,400 (7,874)	4,000 (13,123)	5,000 (16,404)
18 Fiber CPC (single unit)	—	—	1,300 (4,265)	2,100 ( 6,890)	3,350 (11,000)
24 Fiber CPC (single unit)	—	—	1,000 (3,281)	1,700 ( 5,777)	3,150 (10,335)

\* Add suffix "—XMFBOX" to cable part number to specify "Fiber-In-A-Box" solution. "X" indicates length of cable in thousands of feet. Only available in standard lengths as indicated in chart above.

**EXAMPLE:** UA0049481001—3MFBOX

Would be the resulting part number for 3,000 feet of UA004\*481001 cable with 9/125 µm single-mode fiber and the Fiber-In-A-Box solution. Refer to Fiber-In-A-Box data at front of catalog.