

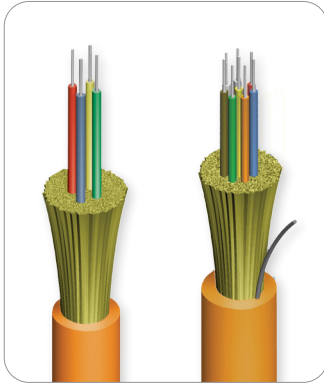


**Manufacturer:**  
AFL

**Product Name:**  
AFL 24 Fiber CPC Plenum SM - 2 Units

**Manufacturer Part Number:**  
CP0249551001

▶ [Click here for more details on the AFL 24 Fiber CPC Plenum SM - 2 Units](#)



### QUAD-link and 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.

#### Features

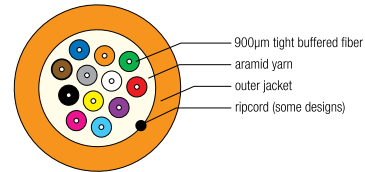
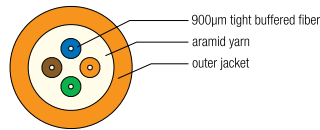
- Fiber counts 4-24
- Buffered to 900 μm
- Mixed fiber designs available

#### 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
- Intra-building backbones

Premise Cable

#### Cable Components



#### Fiber 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 MAX. LINK DISTANCE (meters)		10 GIGABIT ETHERNET MAX. 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	—
(5) 50 Giga-Link™ 600	OM2	3.5	1.5	N/A	500	500	N/A	600	600	82	—
(L) 50 Laser-Link 300	OM3	3.0	1.2	N/A	1,500	500	2,000	1,000	550	300	—
(C) 50 Laser-Link 550	OM4	3.0	1.2	N/A	3,500	500	4,700	1,040	550	550	—
(W) AFL Wideband Multimode	OM5	3.0	1.2	N/A	3,500	500	4,700	1,040	550	550	—
(9) Single-mode (ITU G.652.D/G.657.A1)	OS2	N/A	0.5	0.5	N/A	N/A	N/A	N/A	5,000	N/A	10,000

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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## QUAD-link and Circular Premise Cable

Premise Cable

### Mechanical Data

CABLE TYPE	AFL NO.		FIBER COUNT	NOMINAL DIAMETER inches (mm)	WEIGHT		TENSION lbs (N)		BENDING RADIUS inches (cm)	
	RISER	PLENUM			RISER	PLENUM	INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
					lbs/1000 ft (kg/km)	lbs/1000 ft (kg/km)				
QUAD-Link	UA004*481#01	UP004*481#01	4	0.19 (4.8)	17 (25)	20 (30)	100 (440)	30 (132)	3.0 (7.2)	2.0 (5.0)
CPC	CR006*441#01	CP006*441#01	6	0.17 (4.4)	12 (17)	13 (20)	100 (440)	30 (132)	3.0 (7.2)	2.0 (5.0)
	CR008*481#01	CP008*481#01	8	0.19 (4.8)	13 (19)	17 (25)	100 (440)	30 (132)	3.0 (7.2)	2.0 (5.0)
	CR012*551#01	CP012*551#01	12	0.22 (5.5)	17 (25)	20 (30)	100 (440)	30 (132)	3.5 (8.3)	2.5 (5.5)
	CR018*801#01	CP018*761#01	18	0.32 (8.0)	34 (50)	38 (56)	100 (440)	30 (132)	5.0 (12.0)	3.2 (8.0)
	CR024*841#01	CP024*841#01	24	0.33 (8.4)	41 (61)	46 (69)	150 (660)	45 (198)	5.5 (12.9)	3.5 (8.6)

\* Fiber Types – Replace asterisk (\*) in AFL number with number in the Fiber Specifications table on previous page.  
# Outer Jacket Color – Replace hashtag (#) in AFL number with number in the Cable Jacket Color table below.

### Cable Jacket Color Options

1 - Blue	8 - Black
2 - Orange	9 - Yellow
3 - Green	A - Violet
4 - Brown	B - Rose
5 - Slate	C - Aqua
6 - White	K - Erika Violet (RAL 4003)
7 - Red	

### Qualifications

GOVERNING BODY	STANDARD CODE
Telcordia	GR-409-CORE
EIA/TIA	568-A
ICEA	
RoHS	2002/95/EC

### Temperature Specifications

	PLENUM	RISER
INSTALLATION	0°C to +70°C	-20°C to +70°C
OPERATING	0°C to +70°C	-20°C to +70°C
STORAGE	-40°C to +75°C	-40°C to +75°C

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