

## Multi-Unit Circular Premise Cable

Multi-Unit Circular Premise Cables are for use in applications requiring fiber counts between 18 and 144 fibers. Unitized construction allows for ease of fiber identification and rapid installation.

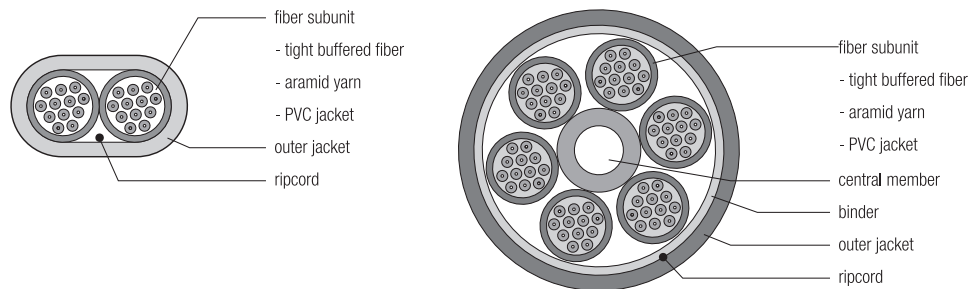
### Applications

- 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

- Tested to meet or exceed EIA/TIA 568-A / GR-409-CORE
- Compliant to Directive 2002/95/EC (RoHS)
- Hybrid constructions are available

### Cable Components



### Temperature Specifications

	TEMPERATURE RANGE	
	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

### 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 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	—
(5) 50 Giga-Link™ 600	OM2	3.5	1.5	N/A	500	500	N/A	600	600	82	—
(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) AFL G.657.A1 Single-mode	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



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### Mechanical Data

CABLE TYPE	AFL NO.		FIBER COUNT	NOMINAL DIAMETER INCHES (MM)	WEIGHT		TENSION		BENDING RADIUS	
	RISER	PLENUM			RISER	PLENUM	LBS (N)		INCHES (CM)	
					LBS/1000FT (KG/KM)	LBS/1000FT (KG/KM)	INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
CPC with 6 Fiber Subunits	CR018★441#01	CP018★441#01	18	0.55 (13.3)	121 (180)	134 (200)	300 (1320)	150 (660)	8.3 (20.0)	5.5 (13.3)
	CR024★441#01	CP024★441#01	24	0.55 (13.3)	121 (180)	134 (200)	300 (1320)	150 (660)	8.3 (20.0)	5.5 (13.3)
	CR036★441#01	CP036★441#01	36	0.62 (15.6)	147 (220)	171 (255)	300 (1320)	150 (660)	9.2 (23.4)	6.2 (15.6)
CPC with 12 Fiber Subunits	CR024★551#01	CP024★551#01	24	0.30 x 0.52 (7.6 x 13.2)	57 (86)	62 (92)	300 (1320)	150 (660)	5.0 (12.0)	4.0 (10.0)
	CR036★551#01	CP036★551#01	36	0.61 (15.4)	120 (180)	134 (200)	300 (1320)	150 (660)	9.1 (23.1)	6.1 (15.4)
	CR048★551#01	CP048★551#01	48	0.61 (15.4)	120 (180)	134 (200)	300 (1320)	150 (660)	9.1 (23.1)	6.1 (15.4)
	CR060★551#01	CP060★551#01	60	0.76 (19.3)	184 (275)	211 (315)	300 (1320)	150 (660)	10.4 (26.4)	6.9 (17.6)
	CR072★551#01	CP072★551#01	72	0.76 (19.3)	184 (275)	211 (315)	300 (1320)	150 (660)	11.4 (29.0)	7.6 (19.3)
	CR096★551#01	CP096★551#01	96	0.90 (22.8)	281 (420)	295 (440)	300 (1320)	150 (660)	13.5 (34.2)	9.0 (22.8)
	CR144★551#01	CP144★551#01	144	1.0 (25.4)	288 (430)	302 (450)	300 (1320)	150 (660)	15.0 (38.1)	10.0 (25.4)

★ 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	

### Cable Length - Reel Size

ITEM	REEL F	REEL G
Reel Height (inches)	42	60
Reel Outside Width (inches)	36	36
Drum Diameter (inches)	23	30
Reel Weight (lbs)	148	287
<b>CAPACITY: METERS (FEET)</b>		
18 Fiber CPC	2,300 (7,546)	2,500 / (8,200)
24 Fiber CPC	2,300 (7,546)	2,500 / (8,200)
36 Fiber CPC (6F subunits)	1,600 (5,250)	2,500 / (8,200)
36 Fiber CPC (12F subunits)	1,500 (4,921)	—
48 Fiber CPC	1,500 (4,921)	—
60 Fiber CPC	1,250 (4,100)	1,500 / (4,921)
72 Fiber CPC	1,000 (3,280)	1,500 / (4,921)
96 Fiber CPC	—	1,500 / (4,921)
144 Fiber CPC	—	1,300 / (4,265)

