

Breakout Cable

Breakout cables combine multiple fiber flexibility with the strength of individually jacketed fibers. Breakout cables from AFL can be terminated for fanout assemblies. Breakout cable is available in counts of 2-24 fibers.

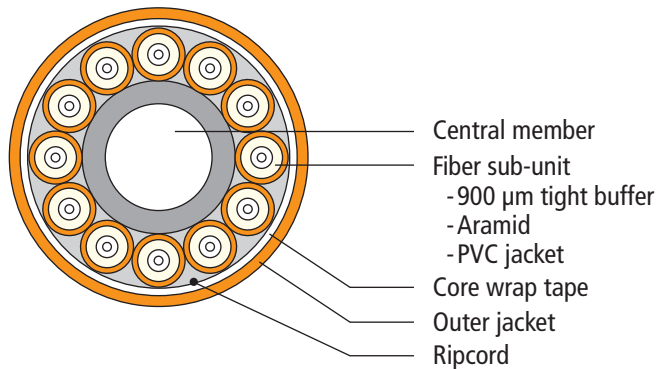
Features

- Fiber count 2-24
- Sub-units printed every 6 inches
- Tight buffer and sub-unit jacket are available in a variety of colors

Applications

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

Cable Components



Fiber Specifications

CORE SIZE/FIBER TYPE	ISO/IEC	MAXIMUM ATTENUATION (DB/KM)			OVERFILL LAUNCH MIN. BANDWIDTH (MHZ•KM)		EMB _c (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	—
(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



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Mechanical Data

CABLE TYPE	AFL NO.	FIBER COUNT	NOMINAL DIAMETER INCHES (MM)	WEIGHT LBS/1000FT (KG/KM)	TENSION		BENDING RADIUS	
					LBS (N)		INCHES (CM)	
					INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
Riser Breakout Cable	BR004★241##1	4	0.33 (8.5)	44 (65)	150 (660)	45 (198)	5.1 (12.8)	3.4 (8.5)
	BR006★241##1	6	0.40 (10.1)	64 (95)	150 (660)	45 (198)	6.0 (15.2)	4.0 (10.1)
	BR008★241##1	8	0.46 (11.6)	84 (125)	150 (660)	45 (198)	6.9 (17.4)	4.6 (11.6)
	BR012★241##1	12	0.58 (14.7)	138 (205)	150 (660)	45 (198)	8.7 (22.1)	5.8 (14.7)
	BR024★241##1	24	0.65 (16.6)	118 (175)	300 (1320)	90 (396)	11.4 (29.0)	7.6 (19.3)
Plenum Breakout Cable	BP004★301##1	4	0.36 (9.0)	57 (85)	100 (440)	30 (132)	5.3 (13.5)	3.6 (9.0)
	BP006★301##1	6	0.42 (10.6)	79 (118)	100 (440)	30 (132)	6.3 (15.9)	4.2 (10.6)
	BP008★301##1	8	0.48 (12.2)	105 (156)	100 (440)	30 (132)	7.2 (18.3)	4.8 (12.2)
	BP012★301##1	12	0.61 (15.5)	169 (252)	100 (440)	30 (132)	9.2 (23.2)	6.1 (15.5)

★ Fiber Types – please specify fiber type with number in the Fiber Specifications table on previous page.

Outer Jacket/Sub-unit Color – please specify outer jacket/sub-unit color when ordering (see below)

Cable Jacket Color Options

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

Qualifications

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

Temperature Specifications

TEMPERATURE RANGE	
INSTALLATION	0°C to +70°C
OPERATING	0°C to +70°C
STORAGE	-40°C to +75°C

Contact AFL for further details.