

## Indoor/Outdoor Riser Sub-unitized MicroCore® Cable with SpiderWeb Ribbon® Technology

AFL now offers high fiber count Indoor/Outdoor MicroCore Cables with SpiderWeb Ribbon (SWR®) technology. Waterblocked sub-units are helically stranded to provide sub-unitized cables ranging from 24 to 288 fiber counts. These cables are OFNR listed for use in indoor and indoor/outdoor applications. Both the sub-unit jackets and outer sheath contain a UV stabilizer and anti-fungus protection for use in outdoor applications.

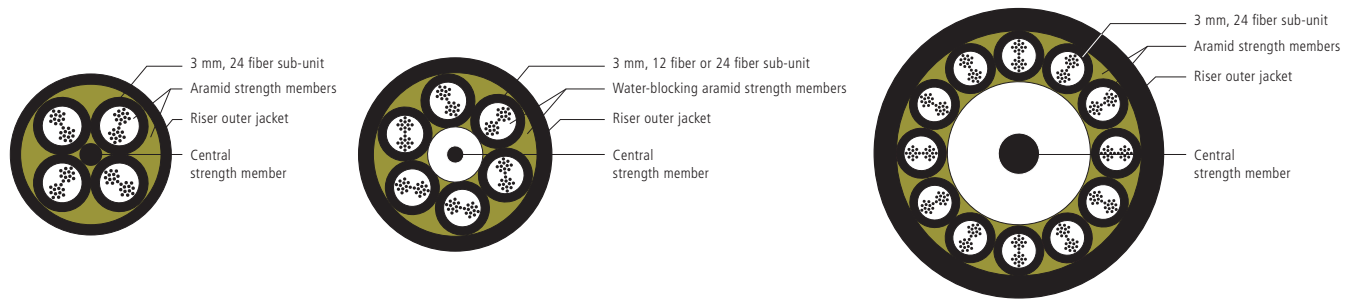
### Features

- Available with 24 to 288 fibers
- Water-blocked sub-units
- Moisture-resistant, fungus-resistant and UV-resistant sub-unit jackets and outer sheath

### Applications

- ONFR inside plant and outside plant environments

### Cable Components



### SWR 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
(P) AFL Bend-Insensitive 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—Non-Armored

CABLE TYPE	NO. OF SUBS	NO. OF FILLERS	NOMINAL DIAMETER inches (mm)	WEIGHT lbs/1000 ft (kg/km)	TENSION lbs (N)		BENDING RADIUS inches (cm)	
					INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
12 Fiber Subunit	2	2	0.38 (9.7)	52 (78)	300 (1320)	90 (400)	5.7 (14.6)	3.8 (9.7)
	4	0	0.38 (9.7)	54 (80)	300 (1320)	90 (400)	5.7 (14.6)	3.8 (9.7)
	6	0	0.46 (11.6)	77 (115)	300 (1320)	90 (400)	6.9 (17.4)	4.6 (11.6)
	8	0	0.54 (13.7)	105 (155)	300 (1320)	90 (400)	8.1 (20.6)	5.4 (13.7)
	12	0	0.68 (17.3)	250 (370)	300 (1320)	90 (400)	10.2 (26.0)	6.8 (17.3)
24 Fiber Subunit	1	3	0.38 (9.7)	53 (79)	300 (1320)	90 (400)	5.7 (14.6)	3.8 (9.7)
	2	2	0.38 (9.7)	54 (80)	300 (1320)	90 (400)	5.7 (14.6)	3.8 (9.7)
	3	1	0.38 (9.7)	55 (82)	300 (1320)	90 (400)	5.7 (14.6)	3.8 (9.7)
	4	0	0.38 (9.7)	56 (83)	300 (1320)	90 (400)	5.7 (14.6)	3.8 (9.7)
	6	0	0.46 (11.6)	81 (120)	300 (1320)	90 (400)	6.9 (17.4)	4.6 (11.6)
	12	0	0.68 (17.3)	257 (380)	300 (1320)	90 (400)	10.2 (26.0)	6.8 (17.3)

### Ordering Information—Non-Armored

CABLE TYPE	NO. OF FIBERS	NO. OF SUBS	NO. OF FILLERS	AFL NO.
				SINGLE-MODE SWR*
12 Fiber Subunit	24	2	2	QR024P30189R:C4C
	48	4	0	QR048P30189R:C4C
	72	6	0	QR072P30189R:C6C
	96	8	0	QR096P30189R:C8C
	144	12	0	QR144P30189R:CCC
24 Fiber Subunit	24	1	3	QR024P30189R:O4C
	48	2	2	QR048P30189R:O4C
	72	3	1	QR072P30189R:O4C
	96	4	0	QR096P30189R:O4C
	144	6	0	QR144P30189R:O6C
	288	12	0	QR288P30189R:OCC

### Cable Jacket Color Options

1 - Blue	8 - Black
2 - Orange	9 - Yellow (SM)
3 - Green	A - Violet
4 - Brown	B - Rose
5 - Slate	C - Aqua (OM3 and OM4)
6 - White	K - Erika Violet (OM4)
7 - Red	L - Lime

\* Item numbers represent AFL standard print, Black Outer Jacket and Yellow Subunits. All jacket colors are UV stable and contain anti-fungal additive. For best performance, AFL recommends Black Outer Jacket.

### Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
Telcordia	GR-20-CORE GR-409-CORE	Water-Blocked Cabled Buffer Tube Core Sub-units
EIA/TIA	598-A	Sub-units
ICEA	S-104-696	Sub-units
RoHS	2002/95/EC	Cable

### Temperature Specifications

TEMPERATURE RANGE	
INSTALLATION	0°C to +60°C
OPERATION	-20°C to +70°C
STORAGE	-40°C to +70°C

Contact AFL for further details.

Fiber Optic Cable