



## Interconnect Premise MicroCore® Cable with SpiderWeb Ribbon® (SWR®) Technology

Interconnect Premise MicroCore cables with SWR are designed for MTP terminations and meet the interconnect standards of Telcordia® GR-409. To minimize the cable's diameter, SWR and aramid strands are packaged in a high performance PVC or LSZH jacket. Fiber counts of 12 and 24 are available. Both Simplex and Zipcord designs are available.

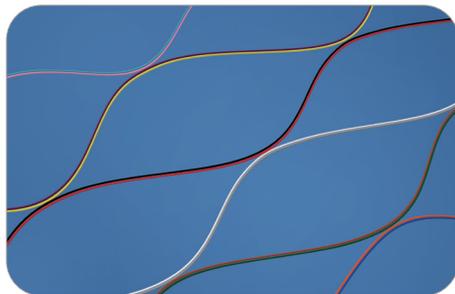
SWR is a bonded fiber design allowing for either a highly efficient ribbonizing application or for individual fiber breakouts. This flexibility allows for the application of a single cable design to cover a diverse set of applications. High-density round designs allow for the most efficient use of space and materials, resulting in a cost-effective solution.

### Features

- 3.0 mm Outer Diameter for Round Boot 12-fiber MTP Cables
- 3.0 mm or 3.8 mm Outer Diameter for Round Boot 24-fiber MTP Cables
- Exceptional skew performance

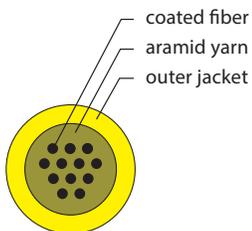
### Applications

- Building Interconnections
- Data Centers and Central Offices
- Anywhere MTP connections can be used
- High-density Interconnects
- 40 Gbit and 100 Gbit Ethernet Architecture

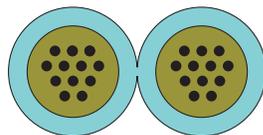


SpiderWeb Ribbon Technology

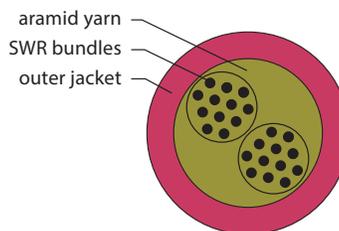
### Cable Components



12 Fiber Simplex



24 Fiber Zipcord  
(3.0 mm only)



24 Fiber Simplex

### SWR Fiber Specifications

CORE SIZE/FIBER TYPE	ISO	MAX. ATTENUATION (dB/km)			OVERFILL LAUNCH MIN. BANDWIDTH (MHz•km)		EMBC (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	5,000

continued  
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### Mechanical Data

CABLE TYPE	FIBER COUNT	NOMINAL DIAMETER	WEIGHT	TENSION lbs (N)		BENDING RADIUS inches (cm)	
		inches (mm)	lbs/1000 ft (kg/km)	INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
SINGLE SMALL FORM	24	0.12 (3.0)	5.3 (7.9)	22 (98)	7 (30)	1.8 (4.5)	1.2 (3.0)
SIMPLEX	12	0.12 (3.0)	5.3 (7.9)	50 (220)	17 (75)	1.8 (4.5)	1.2 (3.0)
	24	0.15 (3.8)	10.1 (15.0)	75 (330)	25 (110)	2.2 (5.7)	1.5 (3.8)
ZIPCORD	24	0.12 (3.0)	12.4 (18.4)	100 (445)	33 (147)	1.8 (4.5)	1.2 (3.0)

### Ordering Information

CABLE TYPE	FIBER COUNT	AFL NO.	
		SINGLE-MODE	
		PLENUM	LSZH
SINGLE SMALL FORM	24	SP024P301#0R	SE024P301#0R
SIMPLEX	12	SP012P301#0R	SE012P301#0R
	24	SP024P381#0R	SE024P381#0R
ZIPCORD	24	ZP024P301#0R	ZE024P301#0R

Replace # with number corresponding to desired jacket color from Cable Jacket Color Options table below.

### Cable Jacket Color Options

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

### Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
NFPA	262 (ONFP)	Jacket
IEC	60332, 60754, 61034	LSZH/ONFR-LS Jacket
Telcordia	GR-409-CORE	Jacket
RoHS	2002/95/EC	Jacket

### 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.