

## Sub-unitized Premise MicroCore® 2.0 Base-8 – CPR Certified

AFL Sub-unitized MicroCore 2.0 Base-8 cables continue to push evolution of high performance premise cabling. Base-8 cable configurations are available in fiber counts up to 144 fibers, utilizing 250 µm fiber. MicroCore 2.0 can support all of your high-density network needs, offering the highest density 2.0 mm fiber cables available.

Constructed of the highest quality materials to exacting industry standards, these small-diameter cables provide the solution sought out by today's structured cabling professionals. Each sub-cable is independently qualified and is suitable for individual routing paths within the rack/panel architecture. This enables a flexibility of design and deployment not available in comparable high-density designs. Designed for direct termination and supportive of both single-fiber and multifiber architectures, this cable family should serve as the backbone to any deployed system. Cables are constructed with AFL MicroCore technology consistent with a long line of market-leading designs.

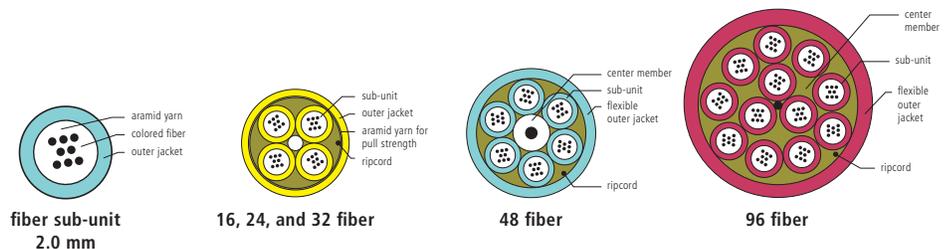
### Features

- 250 µm fiber with counts from 16 to 144
- 8-fiber sub-units
- LSZH Riser flame-rated jacket
- All aramid tensile strength members around core cable for ease of attaching pulling-eye; aramid within sub-units for use with MT termination

### Applications

- Headend termination to a fiber "backbone"
- Termination of fiber rack systems
- Intra-building "backbones"
- MTP/MPO or MTP to breakout terminations

### Cable Components



### Technical Information

TYPE	FIBER COUNT	NOMINAL DIAMETER INCHES (MM)	WEIGHT LBS/1000 FT (KG/KM)	TENSION LBS (N)		BENDING RADIUS INCHES (CM)	
				INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
8-FIBER SUBUNITS	16	0.27 (7.0)	32 (47)	150 (660)	45 (198)	4.1 (10.5)	2.7 (7.0)
	24	0.27 (7.0)	33 (49)	150 (660)	45 (198)	4.1 (10.5)	2.7 (7.0)
	32	0.27 (7.0)	33 (49)	150 (660)	45 (198)	4.1 (10.5)	2.7 (7.0)
	48	0.32 (8.2)	42 (63)	150 (660)	45 (198)	4.8 (12.3)	3.2 (8.2)
	64	0.33 (8.5)	81 (120)	150 (660)	45 (198)	5.0 (12.8)	3.3 (8.5)
	72	0.40 (10.3)	77 (115)	150 (660)	45 (198)	6.0 (15.5)	4.0 (10.3)
	96	0.40 (10.3)	65 (97)	150 (660)	45 (198)	6.0 (15.5)	4.0 (10.3)
	144	0.50 (12.9)	104 (155)	150 (660)	45 (198)	7.5 (19.4)	5.0 (12.9)

continued  
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Ordering Information—MicroCore 2.0

TYPE	FIBER COUNT	AFL NO.				CPR CERTIFICATION
		SINGLE-MODE	OM3 50 µm	OM4 50 µm	OM5 50 µm	
8-FIBER SUBUNITS	16	GE016920199B:848-B2CA	GE016L201CCB:848-BIF-B2CA	GE016C201CCB:848-BIF-B2CA	GE016W201LLB:848-BIF-B2CA	B2ca - s1a,d0,a1
	24	GE024920199B:848-B2CA	GE024L201CCB:848-BIF-B2CA	GE024C201CCB:848-BIF-B2CA	GE024W201LLB:848-BIF-B2CA	B2ca - s1a,d0,a1
	32	GE032920199B:848-B2CA	GE032L201CCB:848-BIF-B2CA	GE032C201CCB:848-BIF-B2CA	GE032W201LLB:848-BIF-B2CA	B2ca - s1a,d0,a1
	48	GE048920199B:868-B2CA	GE048L201CCB:868-BIF-B2CA	GE048C201CCB:868-BIF-B2CA	GE048W201LLB:868-BIF-B2CA	B2ca - s1a,d0,a1
	64	GE064920199B:888-B2CA	GE064L201CCB:888-BIF-B2CA	GE064C201CCB:888-BIF-B2CA	GE064W201LLB:888-BIF-B2CA	B2ca - s1a,d0,a1
	72	GE072920199B:898-B2CA	GE072L201CCB:898-BIF-B2CA	GE072C201CCB:898-BIF-B2CA	GE072W201LLB:898-BIF-B2CA	B2ca - s1a,d0,a1
	96	GE096920199B:8C8-B2CA	GE096L201CCB:8C8-BIF-B2CA	GE096C201CCB:8C8-BIF-B2CA	GE096W201LLB:8C8-BIF-B2CA	B2ca - s1a,d0,a1
	144	GE144920199B:8I8-B2CA	GE144L201CCB:8I8-BIF-B2CA	GE144C201CCB:8I8-BIF-B2CA	GE144W201LLB:8I8-BIF-B2CA	B2ca - s1a,d0,a1

\* Item numbers are built with AFL Standard Fiber, AFL Standard Print with industry standard colors: SMF – Yellow, 50 µm OM3 and OM4 – Aqua, 50 µm OM5 – Lime. Additional Fiber, Print and Color options available, please contact AFL for options.

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
CE	B2ca - s1a,d0,a1	Cable
IEC	60332, 60754, 61034	LSZH/ONFR-LS Jacket
Telcordia	GR-409-CORE	Jacket
EIA/TIA	568	Jacket
ICEA		Jacket
RoHS	REACH	Jacket

Temperature Specifications

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

Contact AFL for further details.