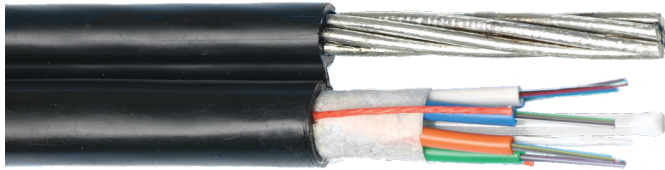


AeroLink™ Figure-8

Self-Supporting Cable



1/4" Galvanized Steel Strand (6.6M)

Jacket Web

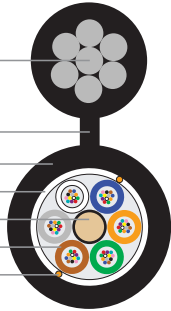
MDPE Outer Jacket

Water Blocking Tape

Central Strength Member

Dry Buffer Tube with Optical Fibers

Ripcord



FEATURES AND BENEFITS

Integral Stranded, Galvanized Steel Messenger

- Self-supporting design requires no over-lashing, allowing installation in a single pass
- Standard 1/4" EHS (6.6M) galvanized strand
- Web, jacket and strand dimensions sized for standard hardware

Dry Water-Blocking Technology

- Available with dry buffer tubes
- Permits rapid cable preparation and termination
- Water-blocking materials are easily removed

2.5 mm Flexible Buffer Tubes

- Enhanced kink resistance and increased flexibility
- Facilitates route management in closures
- Eliminates need for closure transportation tubes

Medium Density Polyethylene Jacket

- Low friction installation
- Excellent protection from environmental hazards
- Embedded stripe on outer jacket available for additional cable identification

Sheath Markings

- Provide positive identification and length verification
- Custom print available

Reverse Oscillated Lay Stranding Method

- Facilitates access of fibers

Performance

- Meets or exceeds the requirements of Telcordia GR-20, ICEA 640, and RUS PE90
- Tested in accordance with relevant EIA/TIA-455 series FOTPs for fiber optic cables

Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001



PERFORMANCE SPECIFICATIONS

Bend Radius		
Dynamic	20 x Cable OD	
Static	10 x Cable OD	
Maximum Fibers per Tube	12	
Buffer Tube OD Inches (mm)	0.98 (2.5)	
Tensile Rating	N	lbf
MRCL with Messenger*	14,923	3350
Cable Installation w/o Messenger	2,700	600
Cable Residual w/o Messenger	800	180
Crush Resistance	N/cm	lbf/in
Short/ long Term	220/110	125/63
Temperature Ratings	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

* Installation load should be lower than Maximum Rated CableLoad to allow for wind and ice loading in accordance with NESC guidelines.



Prysmian

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AeroLink™ Figure-8

Self-Supporting Cable



Fiber Count Range	Recommended Fiber Count	Recommended Part Number		# of Buffer Tubes	Cable OD		Approx. Cable Weight		Max. Reel Length		Sag*** (Feet)		
		Prysmian*	General Cable**		Inches	mm	lb/kft	kg/km	feet	meters	@750 lbs	@1000 lbs	@1250 lbs

DRY

4 to 60	6	F8D1JKT-12-AA-006-BB	XX0064MIY-DT	5	0.40 x 0.86	10.1 x 21.8	189	282	35,522	10,380	0.78	0.58	0.47
	12	F8D1JKT-12-AA-012-BB	XX0124MIY-DT										
	24	F8D1JKT-12-AA-024-BB	XX0244MIY-DT										
	36	F8D1JKT-12-AA-036-BB	XX0364MIY-DT										
	48	F8D1JKT-12-AA-048-BB	XX0484MIY-DT										
72	72	F8D1JKT-12-AA-072-BB	XX0724MIY-DT	6	0.43 x 0.89	10.9 x 22.6	197	293	31,977	9,749	0.81	0.61	0.49
84 to 96	96	F8D1JKT-12-AA-096-BB	XX0964MIY-DT	8	0.50 x 0.96	12.6 x 24.3	212	315	26,204	7,989	0.88	0.66	0.53
108 to 144	144	F8D1JKT-12-AA-144-BB	XX1444MIY-DT	12	0.63 x 1.09	15.9 x 27.6	251	374	18,919	5,768	1.07	0.80	0.64
156 to 216	216	F8D1JKT-12-AA-216-BB	XX2164MIY-DT	18	0.63 x 1.09	15.9 x 27.6	251	374	18,417	5,615	1.04	0.78	0.62

*Where XX equals glass type

**Where AA equals glass type and BB equals attenuation code

***Typical Sag Values are for a 150 foot span installed at the listed tensions



AeroLink™ Figure-8

Self-Supporting Cable



Ordering Guide

The Prysmian part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

Example: 36 count AeroLink™ dry, figure-8 cable with G.652.D LWP single-mode fiber and 0.35/0.35/0.25 attenuation.

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	CONSTRUCTION	4	FIBER GROUPING	5	FIBER TYPE	6	FIBER COUNT	7	FIBER GRADE
F		F8D		1JKT		12		HB		036		E3	

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
F = Feet or M = Meters	
2	PRODUCT FAMILY
F8D = AeroLink™ Figure-8 (Dry Tubes)	
3	CONSTRUCTION
1JKT = Single Jacket	
4	FIBER GROUPING
12 = 12f per tube	

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

FIBER INFORMATION		
5	FIBER TYPE	
SINGLE-MODE		
HB = Single-Mode (ITU G.652 C & D) Low Water Peak		
ES = Enhanced Single-Mode (ITU G.652 C & D)		
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)		
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)		
6	FIBER COUNT	
002 to 216 fibers		
7	FIBER GRADE	
SINGLE-MODE		
Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E1 = 0.40/0.40/0.30	1310/1383/1550	HB or ES
E3 = 0.35/0.35/0.25	1310/1383/1550	HB, ES, BB, or BX

Other cable constructions and fiber performance grades available on request.



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