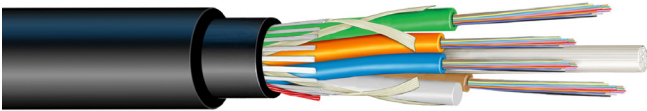
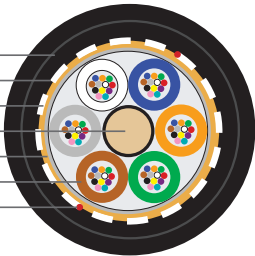


ezLink™ Loose Tube FAA Cable

All-Dielectric, Double Jacket and Chemical Resistant



- Flame Retardant Jackets
- Outer Strength Members
- Flame Retardant Tape
- Central Strength Member
- Water Blocking Tape
- Gel-Filled Buffer Tube Containing up to 12 Fibers
- Ripcord



OVERVIEW

Prysmian's ezLINK™ Outdoor Loose Tube FAA Cable designs provide a robust network solution for on-airfield applications. These FAA cables address longevity in environments which expose components to chemicals such as jet fuel and de-icing fluids; and, marries Prysmian's proven loose tube construction with upgraded design elements to create a rugged cable for Specialty applications. These cables utilize flexible gel-filled buffer tubes with Prysmian's extensive portfolio of singlemode and multimode optical fibers to meet the performance needs for non-traditional installations.

SPECIFICATIONS / RATINGS

- Applications** Rugged outdoor cable providing unsurpassed performance for applications involving placement in airports, FAA applications and cable trays
- Constructions** Dielectric (dual jacket)
- Fiber Count** 2 to 60
- Fiber Types** Single-mode (ESMF, bend-insensitive) multimode (62.5/125-OM1, 50/125-OM2+, OM3 and OM4))
- Standards** US Dept of Transportation FAA specification, ICEA S-87-640 CE RoHS Compliant
- Registered** ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

Supplier

FEATURES AND BENEFITS

- Compliant "Type B" as defined by FAA specification, FAA-E-2761c
- Chemically resistant to hydrocarbons and jet fuels
- Chemically resistant to de-icing solutions
- Flexible kink-resistant buffer tubes for routing and storage
- Available with bend-insensitive single-mode and multimode optical fibers
- Fiber identification using TIA standardized colorcoding
- Chemical resistant outer jacket for long term reliability



ezLink™ Loose Tube FAA Cable

All-Dielectric, Double Jacket and Chemical Resistant



ezLink™ Loose Tube Federal Aviation Administration (FAA) Cable (2J - GEL)

Fiber Count Range	Recommended Fiber Count	Recommended Part Number	# of Buffer Tubes	Diameter		Approx. Cable Weight		Bend Radius Load		Bend Radius No Load		Max. Reel Length	
		Prysmian*		Inches	mm	lb/kft	kg/km	Inches	cm	inches	cm	feet	meters
6 - 60	6	FAACF-12-AA-006-BB	5	0.42	10.8	75	112	8.5	21.5	4.2	10.8	41,010	12,500
	12	FAACF-12-AA-012-BB											
	24	FAACF-12-AA-024-BB											
	36	FAACF-12-AA-036-BB											
	48	FAACF-12-AA-048-BB											
	60	FAACF-12-AA-060-BB											
72	72	FAACF-12-AA-72-BB	6	0.55	11.6	85	127	9.1	23.1	4.5	11.6	41,010	12,500
96	96	FAACF-12-AA-96-BB	8	0.63	12.9	105	157	10.1	25.7	5.1	12.9	41,010	12,500
144	144	FAACF-12-AA-144-BB	12	0.77	16.4	161	240	12.9	32.7	6.4	16.4	41,010	12,500

ezLink™ Loose Tube Federal Aviation Administration (FAA) Cable (2J - DRY)

Fiber Count Range	Recommended Fiber Count	Recommended Part Number	# of Buffer Tubes	Diameter		Approx. Cable Weight		Bend Radius Load		Bend Radius No Load		Max. Reel Length	
		Prysmian*		Inches	mm	lb/kft	kg/km	Inches	cm	inches	cm	feet	meters
6 - 60	6	FAACD-12-AA-006-BB	5	0.42	10.8	72	107	8.5	21.5	4.2	10.8	41,010	12,500
	12	FAACD-12-AA-012-BB											
	24	FAACD-12-AA-024-BB											
	36	FAACD-12-AA-036-BB											
	48	FAACD-12-AA-048-BB											
	60	FAACD-12-AA-060-BB											
72	72	FAACD-12-AA-072-BB	6	0.55	11.6	80	119	9.1	23.1	4.5	11.6	41,010	12,500
96	96	FAACD-12-AA-096-BB	8	0.63	12.9	99	147	10.1	25.7	5.1	12.9	41,010	12,500
144	144	FAACD-12-AA-144-BB	12	0.77	16.4	151	224	12.9	32.7	6.4	16.4	41,010	12,500

* Where AA equals glass type and BB equals attenuation

Installation

Maximum installation load: 600 lbf (2670 N)
Maximum operation load: 180 lbf (800 N)

Temperature Range

Shipping and Storage: -40° F to +158° F (-40° C to +70° C)
Installation: -22° F to +140° F (-30° C to +60° C)
Operation: -40° F to +158° F (-40° C to +70° C)



Prysmian

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TLS-DS-D-202-0626

ezLink™ Loose Tube FAA Cable

All-Dielectric, Double Jacket and Chemical Resistant



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: EZLINK™ loose tube | outdoor FAA cable | dielectric (double Jacket) | 12 single-mode fibers per buffer tube | 24 fibers total (printed in feet)

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	CONSTRUCTION	4	FIBER GROUPING	5	FIBER TYPE	6	FIBER COUNT	7	FIBER GRADE
	F		FAACF		BLANK		12		B1		024		E3

PART NUMBER CONSTRUCTION

1 LENGTH MARKINGS

F = Feet or M = Meters

2 PRODUCT FAMILY

FAACF = Outdoor FAA All-Dielectric Cable

*FAACD = Outdoor Gel-Free FAA All-Dielectric Cable

3 CONSTRUCTION

(Blank) = Non Applicable with Interlock Armor

4 FIBER GROUPING

12 = 12f per unit or tube

* Gel-free outside loose tube cable with PVDF jacket is not formally specified in FAA-E-2761c

FIBER INFORMATION

5 FIBER TYPE

SINGLE-MODE

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)

MULTIMODE	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
G6 = OM1 (62.5µm)	850/1300	200/500	300/550	33/___
G5 = OM2+ BIF (50µm)	850/1300	700/500	800	150/___
G3 = OM3 BIF (50µm)	850/1300	1500/500	1000	300/___
G4 = OM4 BIF (50µm)	850/1300	3500/500	1100	550/___

6 FIBER COUNT

002 to 060 fibers

7 FIBER GRADE

SINGLE-MODE

Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E1 = 0.40/0.40/0.30	1310/1383/1550	B1 or B2
E3 = 0.35/0.35/0.25	1310/1383/1550	B1 or B2

MULTIMODE

Attenuation (dB/km)	Wavelength (nm)	Fiber Type
M2 = 3.5/1.0	850/1300	OM1 (62.5µm)
M3 = 3.0/1.0	850/1300	OM2+, OM3, OM4 (50µm)

Other cable constructions and fiber performance grades available on request.



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