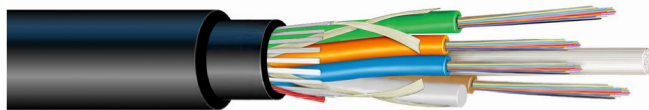


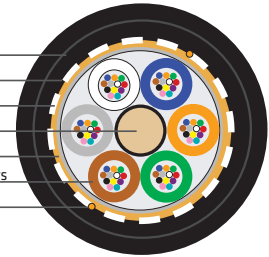


ezLINK™ Loose Tube Federal Aviation Administration (FAA) Cable

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



Versatile outdoor chemical resistant fiber cables designed for the rigors of aviation operations

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 single-mode and multimode optical fibers to meet the performance needs for non-traditional installations.

Product Snapshot

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)
Performance	US Dept of Transportation FAA specification, ICEA S-87-640 CE RoHS Compliant
Registered Supplier	ISO 9001, ISO 14001, TL 9000, and OHSAS 18001



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 color coding
- Chemical resistant outer jacket for long term reliability

ezLINK™ Loose Tube Federal Aviation Administration (FAA) Cable

All-dielectric Double Jacket and Chemical Resistant

ezLINK™ Outdoor Loose Tube FAA Cable | FAACF Series

Fiber Count	Number of Buffer Tubes	Fibers Per Unit	Diameter inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius UNDER LOAD inches (cm)	Bend Radius NO LOAD inches (cm)
2 to 60	5	12	0.42 (10.7)	76 (113)	8.5 (21.5)	4.3 (10.8)

Mechanical Specifications

Maximum installation load: 600 lbs (2670 N)
 Maximum operation load: 180 lbs (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)

Ordering Guide The Prysmian Group 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

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	FAACF	BLANK	12	ES	024	E1

CABLE INFORMATION	
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					
HB = Single-Mode (ITU G.652 C & D) Low Water Peak					
ES = Enhanced Single-Mode (ITU G.652 C & D)					
CE = Corning™ SMF28e+ 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	HB, ES, or CE			
E3 = 0.35/0.35/0.25	1310/1383/1550	HB, ES, CE, B1, or BE			
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.					