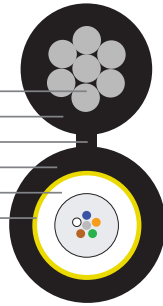




- Stranded Galvanized Steel Messenger
- Messenger Jacket
- Jacket Web
- Fiber Sub-Unit
- Gel-Filled Buffer Tube Containing up to 6 Fibers
- Aramid Strength Yarns



## OVERVIEW

Prysmian's ezDROP® Figure 8 cable provides easy FTTx (Fiber-To-The-x) installation and termination using existing hardware and methods for drops to homes and businesses. The integrated steel messenger provides self-support strength up to 400 feet (125 meters) and acts as a toning wire for underground location capability. It is attached by a web for easy tear-away separation from the cable. Portable spools simplify widespread deployment. Prysmian's exclusive Bend-Insensitive fiber provides craft-friendly bend tolerance.

## SPECIFICATIONS / RATINGS

- Applications** Multi-purpose FTTx - aerial self-support, direct buried, duct
- Constructions** Integrated messenger, non-armored
- Fiber Count** 2 to 6 fibers
- Fiber Types** Bend-Insensitive single-mode fiber standard
  - Options** Packaging: spool / bu
- Standards** ANSI/ICEA 717, IEC, RUS 7 CFR 1755 (RUS LISTED), Telcordia GR-20 drop cable requirements)
- Registered Supplier** ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

## FEATURES AND BENEFITS

### Easy Cable Entry and Preparation

- 3/32" stranded galvanized steel messenger for flexibility
- Compatible with existing figure 8 installation hardware and methods
- Tear-away messenger simplifies grounding
- Ripcord speeds cable entry and jacket removal
- Toneable messenger enables underground locating

### Flexible Routing and Termination

- Flexible buffer tube simplifies routing and splicing
- Standard G657.A1 bend-sensitive single-mode fiber

### Multi-Purpose Installation and Use

- Suitable for aerial lashed, duct, and direct buried installation
- Portable spool packaging

### Reliable Lifetime Performance

- Guaranteed standards-based performance
- Gel-filled buffer tube



# ezDrop™ Figure 8

## Integrated Messenger Drop Cable

Fiber Count Range	Recommended Fiber Count	Recommended Part Number	Buffer Tube Diameter		Cable Diameter		Cable Height		Approx. Cable Weight		Bend Radius Load		Bend Radius No Load	
			Inches	mm	Inches	mm	Inches	mm	lb/kft	kg/km	Inches	cm	Inches	cm
1 to 6	1	DF81JKT-06-AA-001-BB	0.075	1.9	0.16	4.1	0.34	8.8	33	49	6	15	6	15
	2	DF81JKT-06-AA-002-BB												
	4	DF81JKT-06-AA-004-BB												
	6	DF81JKT-06-AA-006-BB												

\* Where AA equals glass type and BB equals attenuation

### Installation

Maximum short term pulling load: 300 lbf (1335 N)

### Temperature Range

Shipping and Storage: -40° F to +167° F (-40° C to +75° C)

Installation: -22° F to +140° F (-30° C to +60° C)

Operation: -40° F to +158° F (-40° C to +70° C)



### ATTACHMENT HARDWARE:

Wirewise and Wirelink Clamps – Available from MacLean Power Systems (Formerly Reliable Power Products) Catalog/Part# 5056

### Aerial Loading Specifications

@ 1% Installation Sag	Minimum Span		Minimum Installation Tension	
	Inches	m	Lbs	N
NESC Heavy	150	45	62	275
NESC Medium	265	80	109	485
NESC Light	410	125	169	750

### Package Options

Description	Capacity		Dimensions H x W x D		Shipping Wt.	
	Ft	m	Inches	cm	Lbs	kg
R-18 Ply	2100	640	18 x 15 x 8	46 x 38 x 20	75	34
R-30 Ply	9500	2895	30 x 18 x 20	76 x 46 x 51	370	190

### 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:** ezDROP | Figure 8, Single Jacket (6 Fibers/Bundle) with 2 Bend-Insensitive Single-Mode Fibers (printed in feet)

<b>1</b> LENGTH MARKINGS	<b>2</b> PRODUCT FAMILY	<b>3</b> CONSTRUCTION	<b>4</b> FIBER GROUPING	<b>5</b> FIBER TYPE	<b>6</b> FIBER COUNT	<b>7</b> FIBER GRADE
F	DF8	1JKT	06	B1	002	E1

PART NUMBER CONSTRUCTION	
<b>1</b> LENGTH MARKINGS	F = Feet or M = Meters
<b>2</b> PRODUCT FAMILY	DF8 = ezDROP Figure 8
<b>3</b> CONSTRUCTION	1JKT = Single Jacket
<b>4</b> FIBER GROUPING	06 = 6f per tube

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

FIBER INFORMATION		
<b>5</b> FIBER TYPE	<b>SINGLE-MODE</b>	
	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)	
<b>6</b> FIBER COUNT	2 to 6 fibers	
<b>7</b> FIBER GRADE	<b>SINGLE-MODE</b>	
	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

Other cable constructions and fiber performance grades available on request.