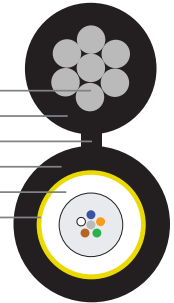




ezDrop™ Figure 8 Integrated Messenger Drop Cable



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



Versatile “Figure 8” fiber drop cable with integrated messenger for self-support and/or underground location.

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.

Product Snapshot

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 / bulk
Performance	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

Dielectric (DF81JKT)

Fiber Count	Buffer Tube in (mm)	Diameter in (mm)	Height in (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius Load in (cm)	Bend Radius No Load in (cm)
1 - 6	0.075 (1.9)	0.16 (4.1)	0.34 (8.8)	33 (49)	6 (15)	6 (15)

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 ft (m)	Minimum Installation Tension lbs (N)
NESC Heavy	150 (45)	62 (275)
NESC Medium	265 (80)	109 (485)
NESC Light	410 (125)	169 (750)

Package Options

Description	Capacity ft (m)	Dimensions H x W x D in (cm)	Shipping Weight 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)

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

PART NUMBER CONSTRUCTION

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

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)
6 FIBER COUNT 002 to 006 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

Other cable constructions & fiber performance grades available on request.

© DRAKA & PRYSMIAN - Brands of The Prysmian Group. 2021 All Right Reserved. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed correct at the time of issue. Prysmian Group reserves the right to amend any specifications without notice. These specifications are not contractually valid unless specifically authorized by Prysmian Group. Issued January 2021.

Prysmian Group

4 Tesseneer Drive | Highland Heights KY 41076

+1-800-669-0808 | website: na.prysmiangroup.com/telecom