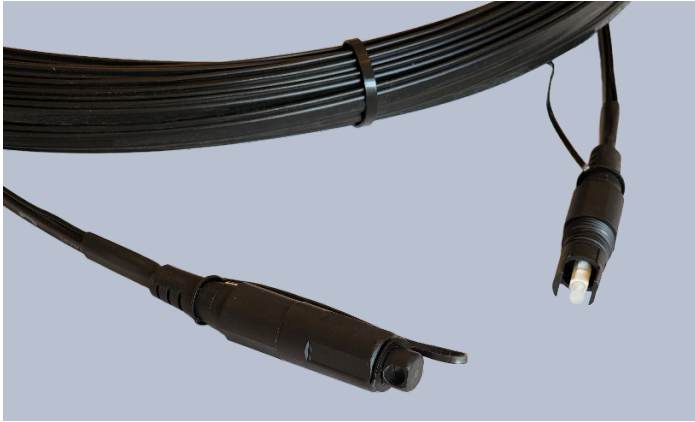


ezDROP™ Preconnectorized

OptiTap® Compatible – Preconnectorized Fiber Drop Cable

Prysmian



OVERVIEW

ezDROP™ Preconnectorized drop cables enable rapid provisioning of FTTP services. Installers with minimal equipment and training can plug them into compatible ports for reliable connections. Tight tolerances and high-performance materials provide low insertion loss while mitigating reflections.

A variety of connector options are available, including Hardened SC/APC (OptiTap®-compatible) and standard SC/APC.

The cable itself is a popular, flat form-factor. It's available in an aerial self-support version that is compatible with P-clamps. A toneable version is also available with a detachable 24AWG wire for buried or duct applications.

ezDROP™ OptiTap-compatible drop cables are compatible with any OptiTap® style terminal. These include CORNING OptiTap-style Multipoint Terminals and Flex Terminals and CommScope Multipoint terminals and Flexible Service Terminals with OptiTap® adapters.

OptiTap® is a registered trademark of Corning Incorporated

PERFORMANCE SPECIFICATIONS

Bend Radius		mm	inches	
Dynamic		150	5.9	
Static		100	3.9	
Tensile Rating		N	lbf	
Installation Load		1336	300	
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 SAG	Maximum Span Distance			
	NESC Heavy ft (m)	NESC Medium ft (m)	NESC Light ft (m)	
	1%	150 (45)	260 (79)	330 (100)
	1.5%	160 (49)	280 (85)	370 (112)
3%	185 (56)	330 (100)	450 (137)	

FEATURES & BENEFITS

Plug-and-Play Connections

- Available with standard SC/APC or Hardened SC/APC (OptiTap®-Compatible) connectors
- Eliminate field splicing of drop cables
- Reduces time to fulfill new service requests

Bend-Insensitive Fiber

- Lower attenuation in demanding environments
- G.657.A1 Single Mode fiber is standard
- BendBright XS (G.657.A2) fiber upon request

Toneable and All-Dielectric Cable Options

- Suitable for aerial self-support, duct, & direct buried
- Can address nearly any drop application

Reliable Lifetime Performance

- Proven, Hardened (weathertight) SC/APC Connector option
- Standards-based SC/APC connector & cable performance

Convenient Packaging

- Coils for lengths <600'
- Compact Reels for lengths of 600' or more

SPECIFICATIONS AND RATINGS

Applications	Preconnectorized FTTP Drop Cable for Aerial Self-Support, Direct Buried and Duct
Connector Types	Standard SC/APC Hardened SC/APC Connector (OptiTap-Compatible SC/APC)
Cable Types	ezDROP Flat (Dielectric or Toneable)
Fiber Count	1 (single fiber drop)
Fiber Types	G.657.A1 (standard) BendBright XS G.657.A2 (upon request)
Options	Pigtail (only one end connectorized) Jumper (both ends connectorized)
Performance	ANSI/ICEA, RDUP/RUS, Telcordia GR-20 Drop cable specifications & Telcordia GR-3120 HFOC specification compliant

Dimensions and Weights

	Dielectric	Toneable
Buffer Tube OD	3.0 mm (0.12 in)	3.0 mm (0.12 in)
Cable Thickness	4.3 mm (0.17 in)	4.3 mm (0.17 in)
Cable Width	8.3 mm (0.33 in)	10.5 mm (0.41 in)
Cable Weight	34 kg/km (23 lbs/kft)	39 kg/km (26 lbs/kft)
Max Cable Length	10,000 m (32,808 ft)	10,000 m (32,808 ft)

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CONNECTOR SPECIFICATIONS

Connector Type	Typical Insertion Loss (dB)	Typical Ref (dB)
Hardened SC/APC Connector (OptiTap-Compatible)	≤ 0.15	≥ -65
Standard SC/APC	≤ 0.15	≥ -65

Ordering Guide

Example: ezDROP™ Flat, Dielectric Jumper, with Hardened SC/APC connector on End 1, standard SC/APC connector on End 2, 1 G.657.A1 Single Mode Fiber, 075 Feet (Printed in Feet)

1 STYLE	2 FIBER TYPE	3 CABLE TYPE	4 CABLE DIAMETER	5 FIBER COUNT	6 1st CONNECTOR	7 PULLING SOCK	8 2nd CONNECTOR	9 PULLING SOCK	10 CABLE LENGTH	11 LENGTH UNIT OF MEASURE
J	B	I	F	001	H	N	B	N	075	F

1 ASSEMBLY STYLE
J Jumper (2 ends)
P Pigtail (1 end)

2 FIBER TYPE
B G.657.A1
F BendBright XS
E BendBright Elite

3 CABLE TYPE
I ezDROP Flat Dielectric
J ezDROP Flat Toneable

4 CABLE DIAMETER
F Flat Drop

5 FIBER COUNT
001

6 1st CONNECTOR
B Standard SC/APC
H Hardened SC/APC
N No Connector
1st Connector denotes the connector on the outside end of cable pool.

7 PULLING SOCK
N No Pulling Sock
P Pulling Sock

8 2nd CONNECTOR
B Standard SC/APC
H Hardened SC/APC
N No Connector

9 PULLING SOCK
N No Pulling Sock
P Pulling Sock

10 CABLE LENGTH (feet)
 050 to 1000
 (25' increments up to 200'
 50' increments thereafter)

11 LENGTH UNIT OF MEASURE
F Feet

ezGuide - Pigtails		
Length (FT)	1 SM Outdoor <i>Dielectric</i> Flat Drop Cable	1 SM Outdoor <i>Toneable</i> Flat Drop Cable
75	PBIF001HNNN75F	PBJF001HNNN75F
100	PBIF001HNNN100F	PBJF001HNNN100F
150	PBIF001HNNN150F	PBJF001HNNN150F
200	PBIF001HNNN200F	PBJF001HNNN200F
250	PBIF001HNNN250F	PBJF001HNNN250F
300	PBIF001HNNN300F	PBJF001HNNN300F
400	PBIF001HNNN400F	PBJF001HNNN400F
500	PBIF001HNNN500F	PBJF001HNNN500F

ezGuide - Jumpers		
Length (FT)	1 SM Outdoor <i>Dielectric</i> Flat Drop Cable	1 SM Outdoor <i>Toneable</i> Flat Drop Cable
75	JBIF001HNNN75F	JBIF001HNNN75F
100	JBIF001HNNN100F	JBIF001HNNN100F
150	JBIF001HNNN150F	JBIF001HNNN150F
200	JBIF001HNNN200F	JBIF001HNNN200F
250	JBIF001HNNN250F	JBIF001HNNN250F
300	JBIF001HNNN300F	JBIF001HNNN300F
400	JBIF001HNNN400F	JBIF001HNNN400F
500	JBIF001HNNN500F	JBIF001HNNN500F