

The Figure 8 Compact Drop Cable Assembly (1F) is a rugged and easy-to-deploy outdoor fiber solution designed for FTTH and Quick ODN networks.

It features a steel messenger for aerial support, a low-friction LSZH jacket for smooth installation through ducts, and a factory-terminated OptiTap® SC/APC compatible connector to a stub end.

This plug-and-play design minimizes field splicing and ensures stable optical performance with low insertion loss and high return loss.

Features

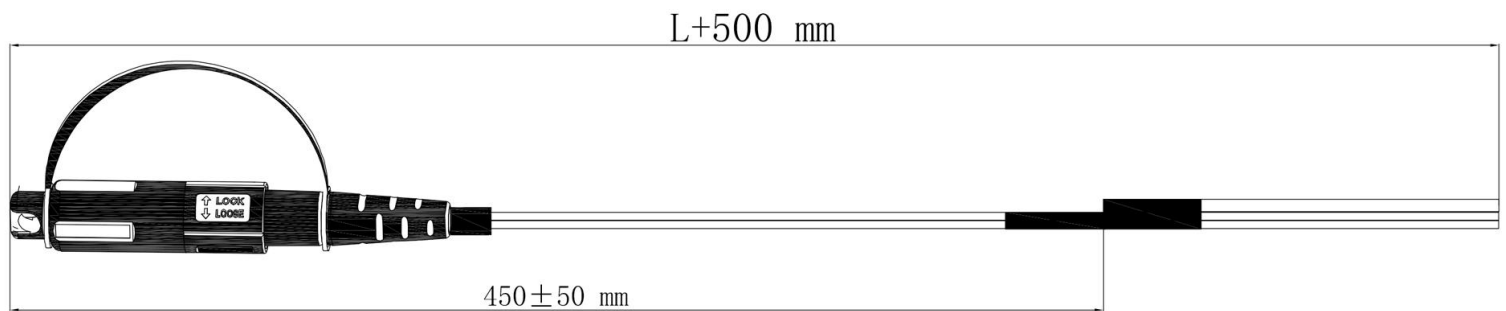
- ◆ Compatible to Optitap hardened adaptor
- ◆ Plug & play , easy to install
- ◆ Pre-connecterized in factory, stability and reliability
- ◆ Protection Level: IP68

Application

- ◆ FTTX
- ◆ Fiber Optic Terminal Box
- ◆ Fiber Optic Distribution Box



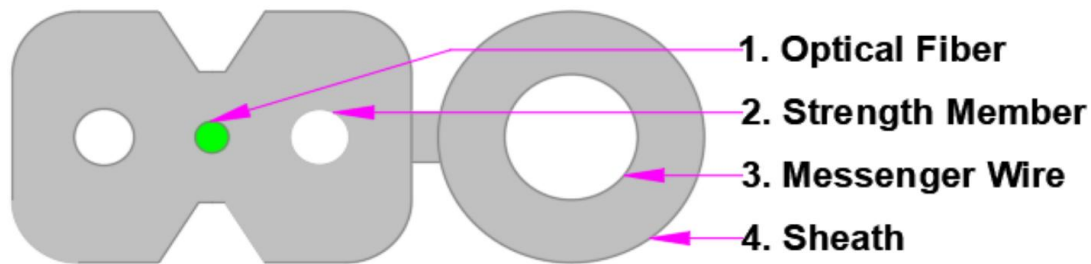
Dimensional Drawing



Technical Specification Of Connector

Parameter	Specifications
Product Type	Pre-connectorized Fig 8 Drop Patch Cable
Connector Type	Opti-tap SCAPC Compatible
Cable Type	5.0*2.0mm Fig. 8 Drop
Fiber Type	SM G657A
Insertion Loss (dB) @1310&1550nm	Typical<0.15, Max.<0.3
Return Loss(dB)	>60
Resistance of coupling mechanism	300N
Static side load for strain relief	50N
Ingress Protection	IP68
Operating Temperature	-40~+75 °C

Technical Specification Of Drop Cable



Item	Contents	Value
Fiber	Optical fiber properties	G657A2
	Colored	Green
	Fiber Number	1
Messenger Wire	Material	Glued galvanized steel wire
	Size	$\Phi 1.2 \pm 0.05 \text{ mm}$
Strength member	Material	Glued galvanized steel wire
	Size	$\Phi 0.4 \pm 0.02 \text{ mm}$
Sheath	Material	LSZH, Flame-retardant, Anti-UV, Low-friction
	Color	Gray (RAL 7004)
	Outer diameter(mm)	$5.0 \times 2.0 \pm 0.2 \text{ mm}$
Printing	AS Customized	

Packaging



Use four cable ties to secure the connector to the cable. Insert one cable tie through the hole in the connector's protective cap, and position the connector inside the coil to ensure added protection during handling and transport.



Each drop cable is packed in an individual PE bag.



Each drop cable be individual packaged in one box.

Material: Corrugated double-wall cardboard.

Thickness: 3-4mm

Color: Brown

Drop cable Length (meters)	Carton dimensions L*W*H (mm)	Unit Gross Weight (kg)
50M	375*320*40	1.25
100M	375*320*55	2.3
150M	375*330*60	3.5
200M	375*330*75	4.5
300M	375*330*105	6.8

Pallet Specification



Plywood

Minimum wood thickness: 22mm

Two pallets stacked

Drop cable Length (meters)	Pallet dimensions L*W*H (mm)	Gross Weight (kg)	Units per pallet	Layers
50M	1150*980*1160	318	234	26
100M	1150*980*1165	419	171	19
150M	1150*1010*1140	560	153	17
200M	1150*1010*1170	592	126	14
300M	1150*1010*1170	637	90	10

