

3.1 EASYCONNNS CONNECTOR

Quick installation

Convenient operation compatible with a variety of adapters

Good environmental performance

Excellent anti UV anti-corrosion performance

Good mechanical properties

Significant mechanical properties reach the tensile strength of 300N

Good ingress protection performance

Support aerial and underground installation

A little change Much faster

EASYCONNNS CONNECTOR is a critical product of EASYCONNNS ODN solution. The connector is pre-installed to outdoor cable in factory, so the link loss lower than that of traditional deployment way. It enhances the stability and reliability of optical link, reduces the implementation time and cost, provides better solution for outdoor cable.



Structure



Performance

Item	
Connector Cores	Single-core / Dual-core / Multi-core
Insertion loss	≤ 0.3dB
Return loss	APC≥ 60dB
Operating temperature	-40°C~+65°C
Ingress protection grade	IP68
Tensile strength(connector)	300N

IEC 61753-1-2018
Design and Test Criteria



Quick insert

First step

Remove the dust caps from the connector and adapter, then remove the ferrule cap from the connector.



The arrow on the connector is aligned with the arrow on the adapter

Second step

Align the two arrows and insert the connector into the adapter to complete the installation.



Insert and lock

The connector plugs into the adapter and locks



No need to twist the connector, quick installation



Male to female connection

Male connector

Female connector

Align the male and female ports, and force the male to the female



Male and female connectors are directly connected, no adapter is required



Double-head EASYCONNS ADAPTER

Double-head adapter



Remove the dust caps from the adapter

Connector

Connector



Insert the connectors



Outdoor application suitable for engineering repair

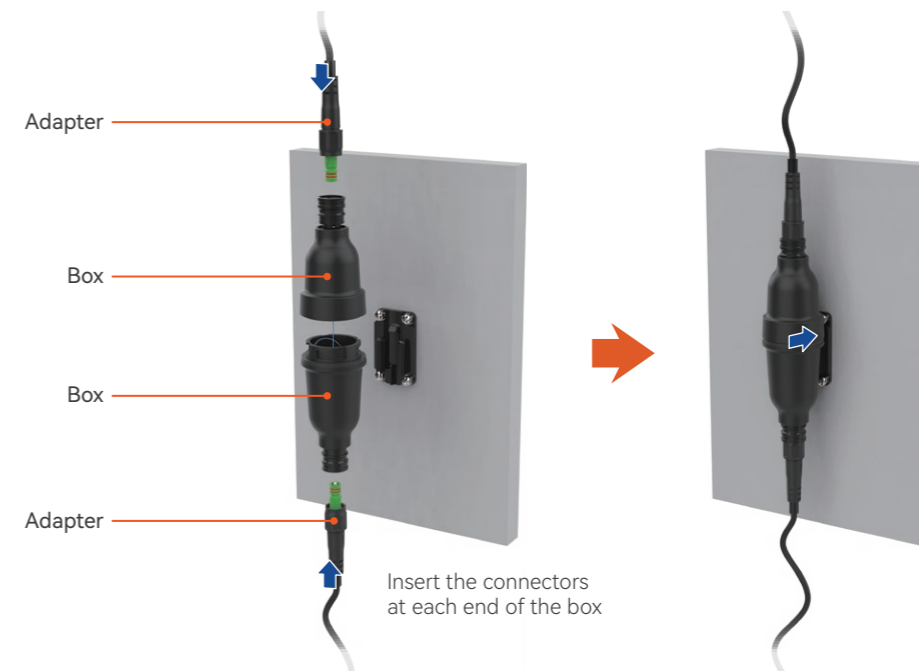
Item	Adapter	Connector
Application	Outdoor, engineering repair	Outdoor
Type	SC/APC	SC/APC
Ingress protection grade	IP68	IP68
UV resistant	F1	F1

Supported cable types

- Single-core metal figure-8 drop cable
- Single-core non-metal self-supported figure-8 drop cable
- Single-core EASYCONNS FLAT CABLE
- Loose tubestranded metal-free cable

EASYCONNS extension box

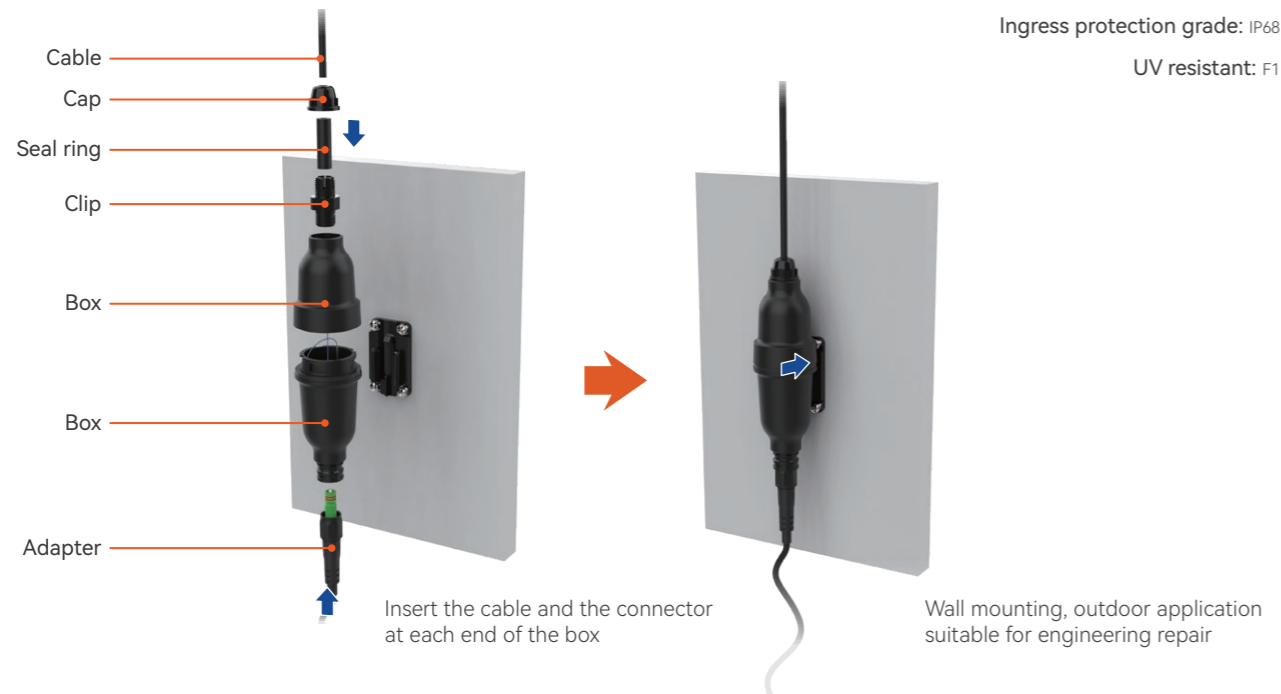
Adapter to adapter extension box



Type: SC/APC
Ingress protection grade: IP68
UV resistant: F1

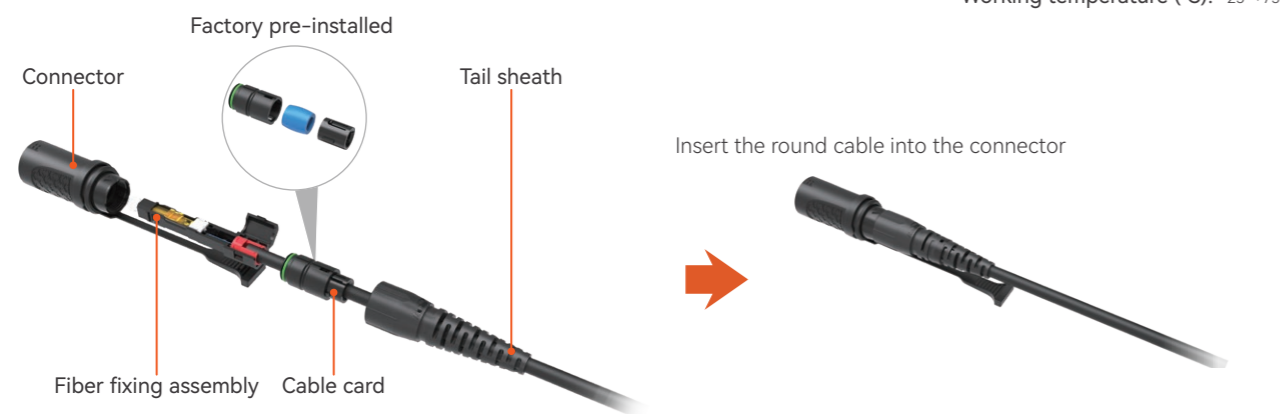
Wall mounting, outdoor application suitable for engineering repair

Cable to adapter extension box

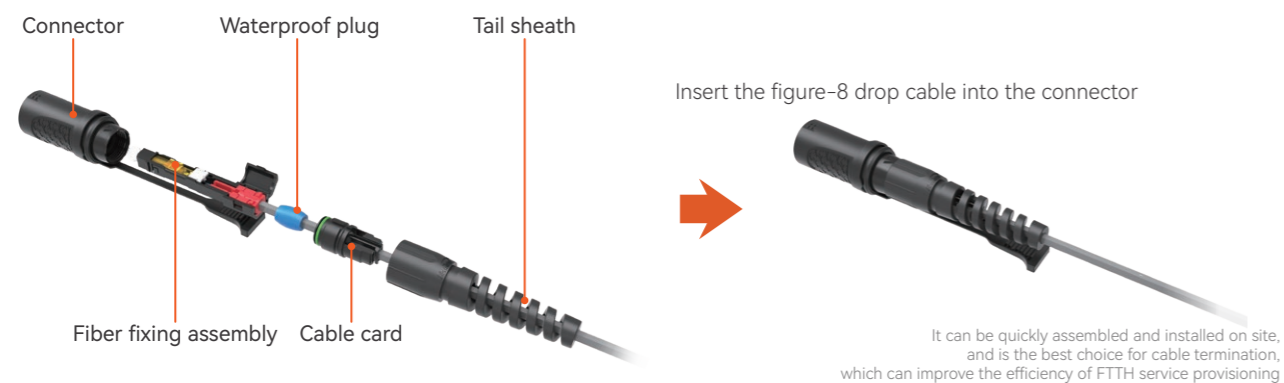


Field assembly connector

Suitable for 5mm round cable

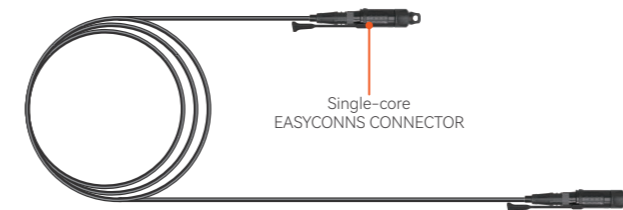


Suitable for figure-8 drop cable

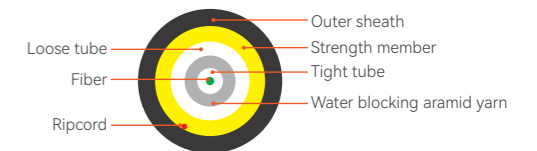


EASYCONNS CABLE

Single core EASYCONNS CABLE



Round distribution cable



Roun drop cable

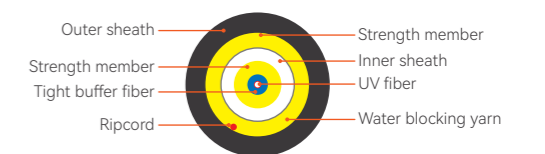
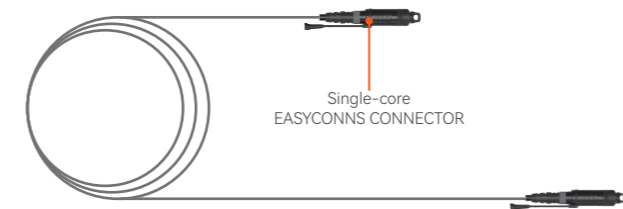
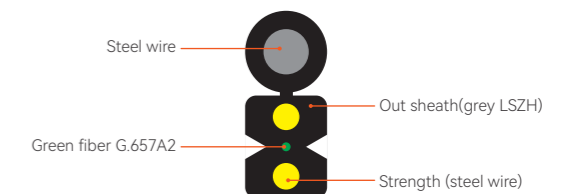
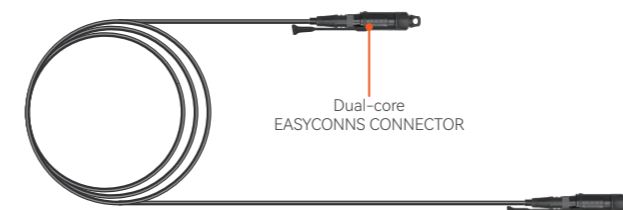


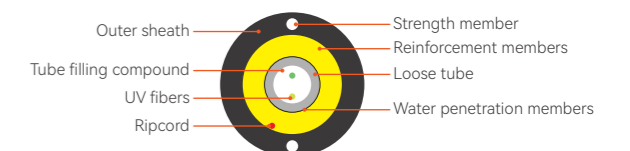
Figure-8 drop cable



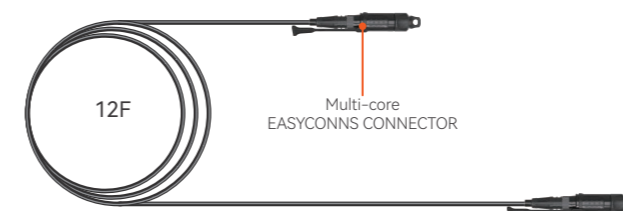
Dual-core EASYCONNS CABLE



Round distribution cable



Multi-core EASYCONNS CABLE



12F round cable

