Fiber Drop Cable SC UPC to SC UPC

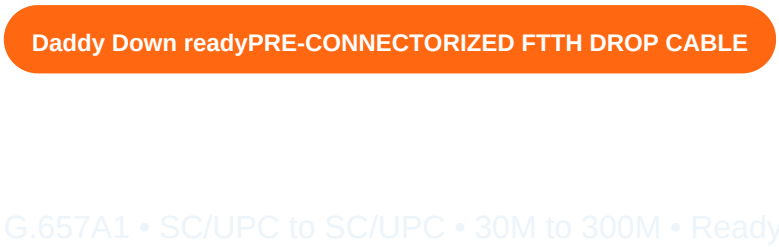
Optical Fiber Drop Cable

Fiber Drop Cable SC UPC to SC UPC

Variants

100M 125M 50M 200M 30M 300M 75M 150M

Details



The **1 Core Pre-Connectorized Drop Fiber Cable** is designed for fast and reliable FTTH customer connections. It uses **ITU-T G.657A1 bend-insensitive single-mode fiber** with factory-installed **SC/UPC connectors on both ends**.

With an LSZH outer sheath, steel strength members and multiple ready-made length options, it is suitable for ISP last-mile deployment, ONU installation, home broadband connections and building fiber distribution.

FIBER	G.657A1
FIBER COUNT	1 Core

CONNECTOR

SC/UPC

LENGTH

30M–300M

Key Features

? G.657A1 bend-insensitive single-mode fiber

? Factory terminated SC/UPC connectors

? Ready for direct FTTH installation

? LSZH black outer sheath

? Steel wire reinforced construction

? Multiple ready-made length options

Cable Structure & Parameters

Parameter	Specification
Number of Fibers	1 Core
Fiber Model	ITU-T G.657A1 Bend-Insensitive Fiber

Parameter	Specification
Messenger	Stranded Steel Wire (7 × 0.3mm / 0.9mm)
Strength Member	Steel Wire Ø0.4mm
Outer Sheath	LSZH, Black
Cable Size	1.8 × 4.8mm
Cable Weight	15 kg/km

Optical Performance

ATTENUATION @ 1310NM

? 0.40 dB/km

ATTENUATION @ 1550NM

? 0.30 dB/km

CONNECTOR INSERTION LOSS

? 0.2 dB

UPC RETURN LOSS

? 50 dB

Mechanical Performance

Parameter	Short Term	Long Term

Tensile Strength	600 N	300 N
Crush Resistance	2200 N / 100mm	1000 N / 100mm

Environmental Performance

INSTALLATION

-20°C ~ +60°C

OPERATION

-40°C ~ +60°C

TRANSPORT / STORAGE

-40°C ~ +60°C

Available Lengths

30M 50M 75M 100M 125M 150M 200M 300M

Custom lengths are also available based on project requirements.

Applications

- FTTH Customer Connection
- GPON / XGSPON Networks
- ONU Installation

ISP Last-Mile Deployment

Home Broadband

Building Fiber Distribution

Installation Note: This cable is supplied with factory-installed **SC/UPC connectors**, helping reduce field splicing work and making FTTH customer installation faster and easier.

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