Fiber Drop Cable SC UPC to SC APC

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Variants

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

Details

PRE-CONNECTORIZED FTTH DROP CABLE

1 Core • G.657A1 Bend-Insensitive Fiber • Steel Reinforced • Available from 30M to 300M

The **FTTH Drop Cable SC/UPC to SC/APC** is a pre-connectorized single-mode optical fiber cable designed for fast and reliable FTTH customer installation. It uses **G.657A1 bend-insensitive fiber** with steel wire reinforcement and factory-installed **SC/UPC and SC/APC connectors** for stable optical performance and easy field deployment.

FIBER TYPE

G.657A1

CORE COUNT

1 Core

CONNECTORS

UPC ? APC

LENGTH OPTIONS

30M–300M

Key Features

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

? Factory-installed SC/UPC to SC/APC connectors

? Ready for direct FTTH customer installation

? Steel wire reinforced cable construction

? Suitable for indoor and outdoor drop deployment

? Multiple ready-made cable lengths

Connector Configuration

CONNECTOR A

SC/UPC

Blue Connector

CONNECTOR B

SC/APC

Green Connector

Cable Structure

Parameter	Details
Fiber Type	G.657A1 Bend-Insensitive Fiber
Number of Fibers	1 Core
Strength Member	2 × 0.45 mm Steel Wires
Messenger Wire	1.0 mm Galvanized Steel, 7 × 0.33 mm Strands
Cable Dimension	2.0 × 5.0 mm
Cable Weight	1 kg/km ±5%
Cable Print	D-TECH / Production Date

Mechanical Performance

SHORT-TERM TENSILE

600 N

LONG-TERM TENSILE

300 N

SHORT-TERM CRUSH

2200 N

LONG-TERM CRUSH

1000 N

Parameter	Value
Minimum Bend Radius – Static	20 mm
Minimum Bend Radius – Dynamic	40 mm
Installation Temperature	-10°C to +40°C
Operating Temperature	-40°C to +60°C

Connector Specifications

Parameter	SC/UPC	SC/APC
Fiber Mode	Single Mode G.657A1	
Cord Type	Simplex	
Insertion Loss	**? 0.3 dB**	**? 0.3 dB**
Return Loss	**? 50 dB**	**? 55 dB**

Available Lengths

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

Applications

- FTTH Installation
- ISP Customer Connection
- ONU Installation
- Home Fiber Internet
- Building Fiber Cabling
- Outdoor Drop Deployment

Installation Advantage

The cable is supplied with factory-installed **SC/UPC on one side and SC/APC on the other side**, helping reduce field connectorization work and allowing faster FTTH deployment.

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