

# Fiber Drop Cable SC UPC to SC APC

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## Variants

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

## Details

The **FTTH Drop Cable SC UPC to SC APC** is a pre-connectorized fiber optic cable designed for fast and reliable FTTH installation. It uses **G.657A1 bend-insensitive single mode fiber**, strong steel wire reinforcement, and high-quality SC UPC / SC APC connectors for stable optical performance.

Fiber Type

**G.657A1**

Core

**1 Core**

Connector

**SC UPC/APC**

Length

**30-300m**

## Cable Structure

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

## Cable Performance

Parameter	Value
<b>Long-Term Tensile Load</b>	300 N
<b>Short-Term Tensile Load</b>	600 N
<b>Long-Term Crush Load</b>	1000 N

Parameter	Value
<b>Short-Term Crush Load</b>	2200 N
<b>Minimum Bend Radius (Static)</b>	20 mm
<b>Minimum Bend Radius (Dynamic)</b>	40 mm
<b>Installation Temperature</b>	-10°C to +40°C
<b>Operating Temperature</b>	-40°C to +60°C

## Connector Specification

Parameter	UPC	APC
<b>Fiber Mode</b>	Single Mode G.657A1	
<b>Cord Type</b>	Simplex	
<b>Length Options</b>	30m, 50m, 75m, 100m, 150m, 200m, 300m	
<b>Insertion Loss</b>	? 0.3 dB	? 0.3 dB
<b>Return Loss</b>	? 50 dB	? 55 dB

**Applications:** FTTH installation, ISP customer connection, home fiber internet, building fiber cabling, outdoor drop cable deployment and quick field installation.