

Fiber Drop Cable SC APC to SC APC

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Variants

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

Details

The **FTTH Drop Cable SC APC to SC APC** is a factory-terminated fiber optic drop cable designed for FTTH, GPON, XGSPON, and FTTx deployments. Built with **G.657A1 bend-insensitive fiber**, steel reinforcement members, and premium SC APC connectors, it ensures low insertion loss, high return loss, and long-term reliability.

This cable is ideal for customer connections, ONU installations, apartment networks, broadband deployment, and last-mile fiber connectivity.

Fiber Type

G.657A1

Connector Type

SC APC

Core Count

1 Core

Available Length

30M–300M

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

Cable Performance

Parameter	Value
Long-Term Tensile Load	300 N
Short-Term Tensile Load	600 N

Parameter	Value
Long-Term Crush Load	1000 N
Short-Term Crush Load	2200 N
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	Specification
Connector Type	SC APC to SC APC
Fiber Mode	Single Mode (G.657A1)
Cord Type	Simplex
Insertion Loss	? 0.3 dB
Return Loss	? 55 dB
Available Lengths	30m, 50m, 75m, 100m, 150m, 200m, 300m

Available Length Options

30M

50M

75M

100M

150M

200M

300M

Applications: FTTH Customer Connection, GPON Networks, XGSPON Networks, ISP Last-Mile Fiber Deployment, ONU Installation, Residential Broadband, Apartment Networks and Building Fiber Distribution.

D-TECH Quality Assurance: Each cable is factory-terminated and tested to ensure low insertion loss, excellent return loss, and reliable long-term optical performance.