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OEM / FIBER OPTIC CABLING

Jumper SC/UPC to SC/APC Singlemode 2m

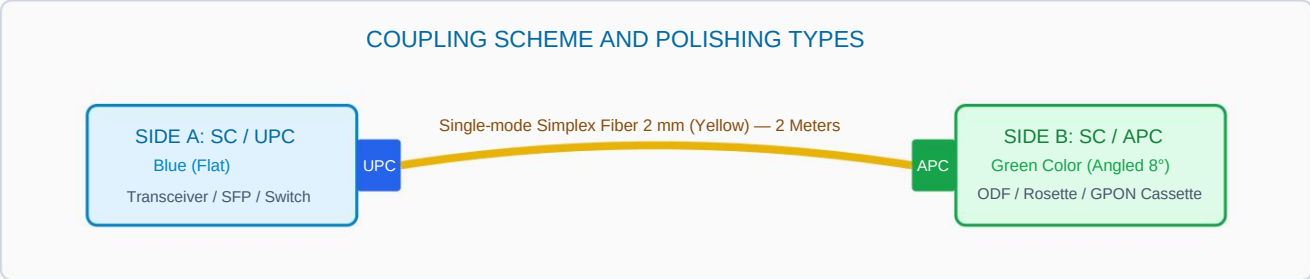
Model: LMN-FO-SCU-SCA-02 | TVC key: OEM5320010

QUICK START GUIDE

PRODUCT DESCRIPTION

The LMN-FO-SCU-SCA-02 jumper is a 2-meter Single-Mode (SMF) Simplex optical fiber patch with a jacket 2mm yellow. It is designed to interconnect network devices with SC/UPC ports (blue connector, polished). Ultra Physical Contact flat) and GPON/ODF couplers or distributors with SC/APC termination (green connector, Angled Physical Contact (Angled Physical Contact) polishing, reducing return loss and ensuring signal stability.

INTER-ECOSYSTEM CONNECTION DIAGRAM (UPC TO APC)



INSTALLATION STEPS AND BEST PRACTICES

1. Connector Identification: Connect the Blue end (SC/UPC) to the SFP transceiver or network port flat. Connect the Green end (SC/APC) to the distribution coupler, ODF or optical rosette.

2. Ferrule Cleaning: Remove the protective dust caps and inspect/clean the ceramic tips with a 2.5 mm fiber optic cleaning cassette or pencil before coupling.

3. Insertion and Locking: Insert each SC connector, guiding it through the alignment notch until you hear a firm "click" of attachment.

4. Safe Bending Radius: Maintain a minimum bending radius of 30 mm (3 cm). Do not bend or Do not pinch the cable to avoid attenuation or fracture of the glass core.

Critical Docking Rule: NEVER directly connect an SC/UPC (Blue) connector into a port or SC/APC coupler (Green) directly without an adapter jumper. Connecting UPC to APC directly distorts the ferrule nuclei and destroy the optical bond.

TECHNICAL SPECIFICATIONS

Parameter	Detail / Value
Fiber Type	Single-mode (Single-mode 9/125 µm)
Configuration and Length	Simplex (1 fiber) | 2 meters
End Connector A	SC/UPC (Ultra Physical Contact - Blue Body)
End Connector B	SC / APC (Angled Physical Contact 8° - Green Body)
Diameter and Cover	2.0mm (Flexible Yellow PVC/LSZH Jacket)
Insertion Loss (IL)	ÿ 0.3 dB
Loss of Return (RL)	UPC ÿ 50 dB | APC ÿ 60 dB
Warranty and SAT Rating	12 Month Warranty | SAT Code: 43223300