

LC/SC-UPC 12 Fibers Bunch, 0.9mm Fiber Pigtail

Features and Benefits

Applications:

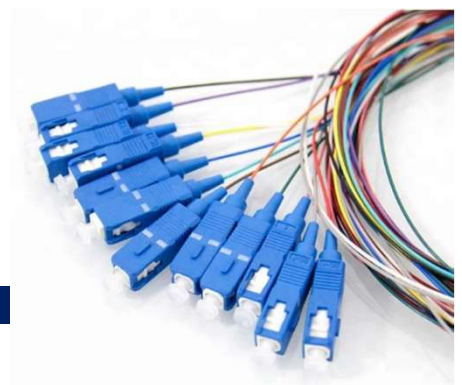
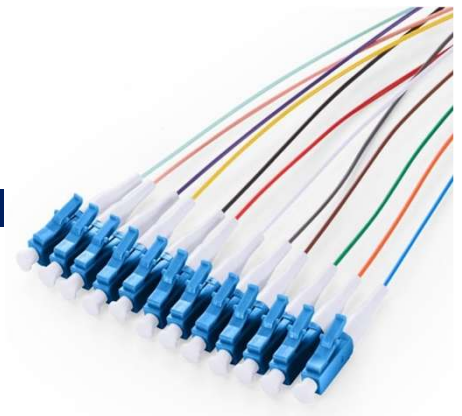
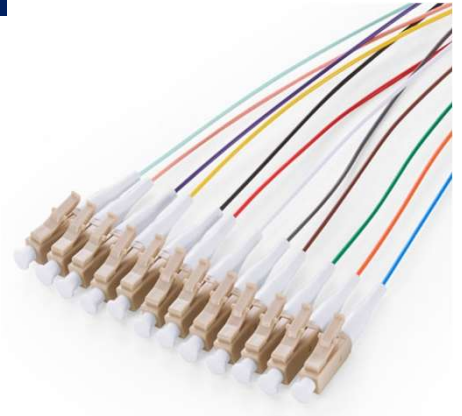
- Fiber termination in patch panels
- Splice closures & distribution boxes
- Data centers (high-density patching)
- FTTH & PON networks

Key Features:

- Connector Type: SC (Subscriber Connector) – a push-pull, snap-in connector with a 2.5mm ferrule.
- Connector Type: LC (Lucent Connector) is a small form-factor connector with a 1.25mm ferrule, making it ideal for high-density applications.
- UPC (Ultra Physical Contact): Blue connector, polished for low back reflection (~-50dB).
- 12 individual fiber strands, each with a distinct color, for easy identification and connection in fiber optic networks.

Standard:

- TIA/EIA-568-C.3,
- IEC 61754-20,
- UL94V-0 for flame resistance.
- Telcordia GR-326 for connector reliability
- IEC 60332-1,2
- RoHS



Physical & Mechanical Specifications

Connector Type	LC/SC-UPC
Connector Housing /Ferrule	ABS/Ceramic Zirconia
Cable Assembly Type	12 Fibers Tight-Buffered
Outer Jacket Type, OD.	LSZH – 0.9mm /12 Color Color TIA/EIA-598
Connector Durability	1000 times
Min. Bend Radius (Optical Fiber)	7.5mm
Tensile Strength	(Long-term ≥60 N /Short-term: ≥100 N)
Min. Bend Radius (Optical Fiber)	10mm
Min. Bend Radius (Fiber Cable)	≥30 mm (static), ≥15 mm (dynamic)
Operating Temperature	-10 to 70°C
Storage Temperature	-20 to 70°C

Optical Characteristics

Fiber Type	Multi Mode (MM)	Single Mode (SM)
Core Type	OM3/OM4/OM5-50/125 μm	ITU-T G.652.D-G.657.A1 - 9/125μm
Wavelength	850 nm / 1300 nm	1310 nm / 1550 nm
Insertion Loss	≤0.3dB	≤0.3dB
Return Loss	≥20dB	≥50dB-UPC

Ordering Information

Fiber Type	ClearCurve® OM3	ClearCurve® OM4	ClearCurve® OM5	SMF-28® Ultra ITU-T G.652.D	Packaging
LC-UPC / Type Part No.	CS-FP09POM3-LC--02	CS-FP09POM3-LC-02	CS-FP09POM3-LC-02	CS-FP09P52D-LC-02	02-M Standard Length 12/Pieces Pack
SC-UPC / Type Part No	CS-FP09POM3-SC--02	CS-FP09POM3-SC-02	CS-FP09POM3-SC-02	CS-FP09P52D-SC-02	