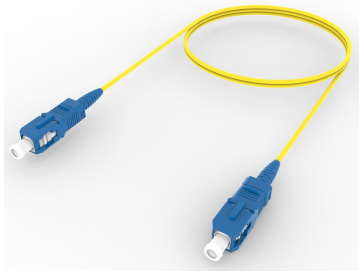


# FPCA

## Base Product



## Fiber Optic Patch Cord, Simplex, Singlemode, 1.2 mm OFNP and LSZH jacket

- SC/UPC, SC/APC, LC/UPC and LC/APC connector versions
- Reduced Bend Radius fiber allows routing in electronic equipment cabinets or bays that commonly provide minimal cable management features
- Compatible with industry standard fiber cable and SC and LC connectors
- High quality connectors
- OFNP cable
- G.657.A2/B2 rated glass
- \*Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

1.2 mm fiber optic patch cord assemblies, designed and tested to Telcordia GR409 requirements for small form factor cables, and GR-326 CORE mechanical and performance requirements. Also, designed and tested to the intermateability requirements of IEC 61754-4 and TIA-604-3-B.

## Product Classification

|                                |   |
|--------------------------------|---|
| <b>Regional Availability</b>   | Europe   Latin America   Middle East/Africa   North America |
| <b>Portfolio</b>               | CommScope®  |
| <b>Product Type</b>            | Fiber patch cord, simplex                                   |
| <b>Product Series</b>          | FPCA  |
| <b>Government Requirements</b> | Build America Buy America (BABA) compliant*                 |

## General Specifications

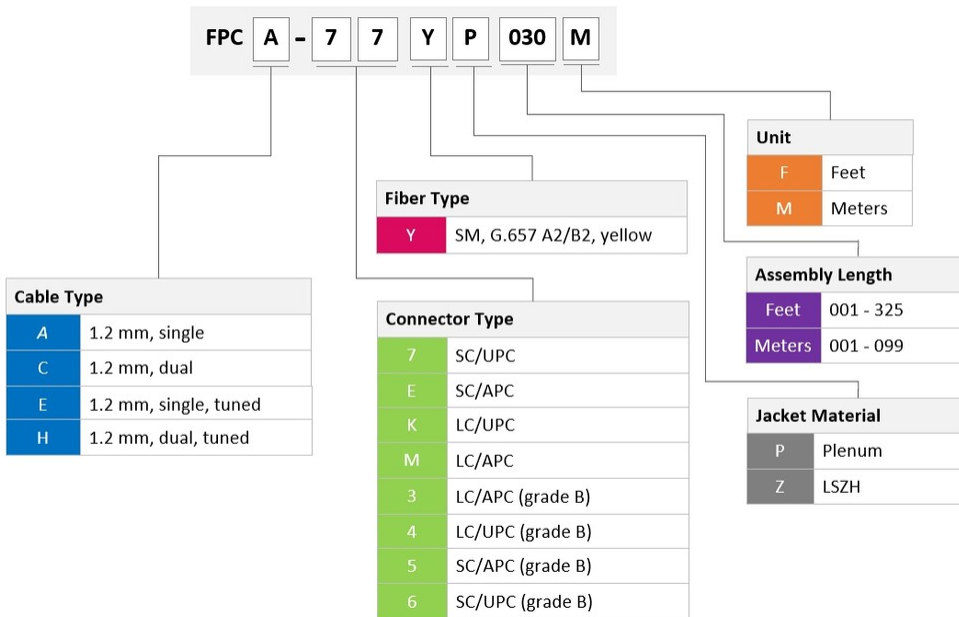
|                                  |                           |
|----------------------------------|---------------------------|
| <b>Jacket Color</b>              | Yellow                    |
| <b>Location of Manufacturing</b> | Claremont, North Carolina |
| <b>Total Fibers, quantity</b>    | 1                         |

## Dimensions

|   |                   |
|---|-------------------|
| <b>Cable Assembly Length Range (m)</b>  | 1 – 99            |
| <b>Cable Assembly Length Range (ft)</b> | 1 – 325           |
| <b>Diameter Over Jacket</b>             | 1.2 mm   0.047 in |

## Ordering Tree

# FPCA



## Optical Performance

|                                       |                   | Plenum    | LSZH      |
|---------------------------------------|-------------------|-----------|-----------|
| <b>Grade according to IEC 61755-1</b> |                   |           |           |
| <b>Attenuation (Insertion loss)</b>   |                   |           |           |
| Grade C                               | UPC* LC connector | ≤ .180 dB | ≤ .180 dB |
|                                       | APC* LC connector | ≤ .300 dB | ≤ .300 dB |
|                                       | UPC SC connector  | ≤ .180 dB | ≤ .300 dB |
|                                       | APC SC connector  | ≤ .300 dB | ≤ .500 dB |
| Grade B                               | UPC LC connector  | NA        | ≤ .250 dB |
|                                       | APC LC connector  | NA        | ≤ .250 dB |
|                                       | UPC SC connector  | NA        | ≤ .250 dB |
|                                       | APC SC connector  | NA        | ≤ .250 dB |
| <b>Grade against reference *</b>      |                   |           |           |
| <b>Return loss</b>                    |                   |           |           |
| Grade C                               | UPC LC connector  | > 55 dB   | > 55 dB   |
|                                       | APC LC connector  | > 65 dB   | > 65 dB   |
|                                       | UPC SC connector  | > 55 dB   | > 50 dB   |
|                                       | APC SC connector  | > 65 dB   | > 65 dB   |
| Grade B                               | UPC LC connector  | NA        | > 50 dB   |
|                                       | APC LC connector  | NA        | > 70 dB   |
|                                       | UPC SC connector  | NA        | > 55 dB   |
|                                       | APC SC connector  | NA        | > 65 dB   |

\*The given values are for 1310 nm, 1550nm

\*UPC = ultra polished physical contact

\*APC = angled polished physical contact

For information on other grade connectors, please contact your local CommScope sales representative

## Optical Specifications

**Fiber Mode** Singlemode  
**Fiber Type** G.657.A2/B2

# FPCA

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## Environmental Specifications

**Environmental Space** Low Smoke Zero Halogen (LSZH)

## Packaging and Weights

**Packaging quantity** 1

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Above maximum concentration value  |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant/Exempted   |
| UK-ROHS       | Compliant  |

