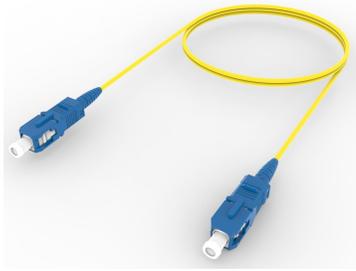


# FPCE

## Base Product



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

- 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
- G.657.A2 rated glass
- High quality connectors
- OFNP cable

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>Product Type</b>	Fiber patch cord, simplex
<b>Product Series</b>	FPCE

## General Specifications

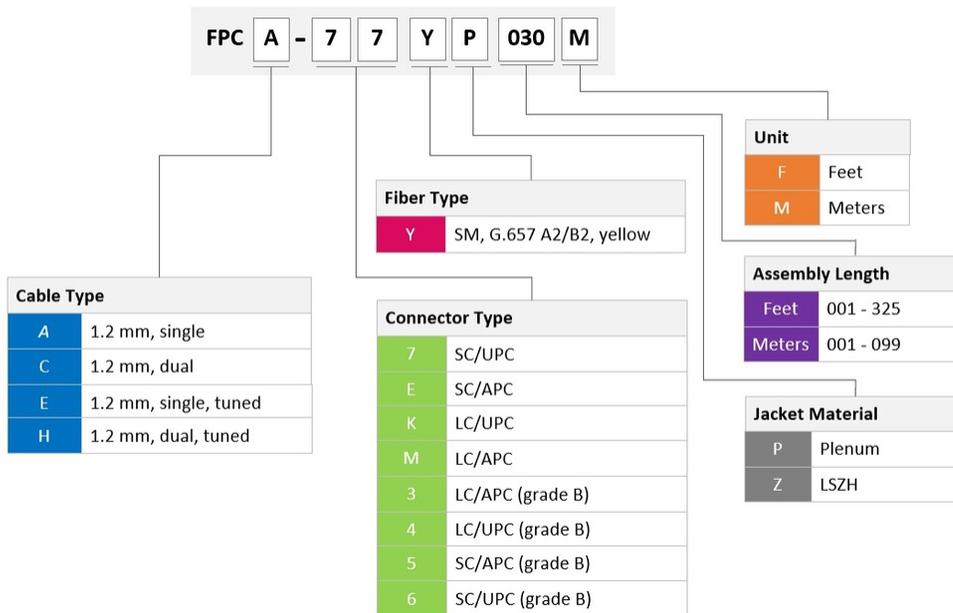
<b>Jacket Color</b>	Yellow
<b>Total Fibers, quantity</b>	1

## 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

# FPCE



## 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

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A2/B2

# FPCE

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## Environmental Specifications

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

## Packaging and Weights

**Packaging quantity** 1