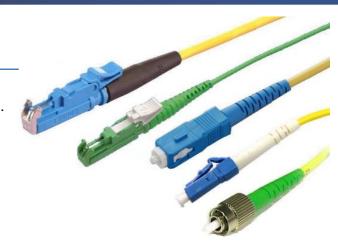


# High Power SM Fiber Optic Patch Cord

## **Description:**

- > Patch cords for high power requirements up to 1W.
- > Each Connector is interferometer tested (see criteria).
- > Extra cleaning precautions are being performed.
- > The connectors are specially marked for verification.
- > Simplex or duplex patch cords.
- > Variety of connector options.



#### Features:

- > Produced and tested according to GR-326-CORE & TIA-568-C.3 Standards.
- > Connectors Materials Flammability Rating: UL94-V0.
- > Connectors comply with JIC-type and EIA/TIA 604 standards.
- > ROSH Compliant.
- > Precise Zirconia ferrules.
- > Low insertion loss.
- > Low back reflection.

## Specifications and Dimensions:

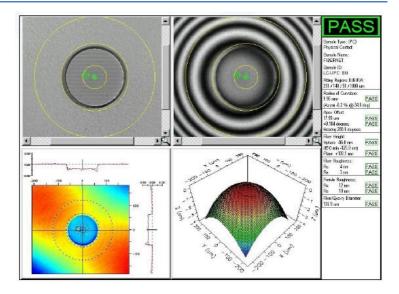
ltem	Specifications
Maximum Insertion Loss	0.1 dB
Return Loss (Back reflection)	-55 dB UPC -65 dB APC
Connector Repeatability (Loss Increase)	< 0.1 dB
Operation Environment	- 20°C to 80°C
Temperature Cycling (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB
Vibration (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB
Cable Retention	> 80 lb
Cable Retention (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB

### **Product Interferometer Verification Tests:**

> Apex offset: ≤ 50

> Radius of curvature: 5 ≤ r ≤ 25

> Fiber Height: ≤ ±100



## Ordering Information:

F\_ - - \_\_\_ HP

	Cable	
Z	3mm Duplex	
K	3mm Simplex	
G	2mm Duplex	
F	2mm Simplex	
Е	0.9mm Simplex	

Fiber Type	
9	SM

Connector Type Side 1A & 1B	
0	No Connection
2	FC
4	SC
9	LC
L	LX 0.5

Connector Type Side 2A & 2B	
0	No Connection
2	FC
4	SC
9	LC
L	LX 0.5

	Polish Type Side 1 & 2	
U	UPC	
Α	APC	

Cable Length [m]	
CXXX	XXX cm
XXXX	XXXX m

Example: C025 - 25cm 0025 - 2.5m

#### **Examples:**

FF9-E0L0UUC050HP – High Power Patch Cord 2mm SM 9/125 Simplex E2000/UPC-LX.5/UPC 0.5M FG9-E090UU0200HP – High Power Patch Cord 2mm SM 9/125 Duplex E2000/UPC-LC/UPC 20M