

## Fiber Patch Cords

### Benefits:

- Low insertion loss
- High return loss
- High reliability and stability
- Easy installation

### Ideal Applications:

- Telecommunications equipment
- CATV equipment
- Test equipment
- LAN systems



### Description:

All M2 Optics fiber patch cords and pigtails, available in both standard and non-standard lengths, provide consistent high reliability and stability. High return loss (SCAPC typical: >65dB), low insertion loss (typical: <0.2dB), and ease of installation make these assemblies ideal for all relevant applications.

At M2 Optics, our goal is 100% customer satisfaction and we will work closely with your team to meet your requirements. If you have a question, we welcome you to contact your local sales representative to discuss the opportunity.

### Specifications:

Type	Single Mode		Multi Mode
	PC	APC	PC
Insertion Loss	≤ 0.3dB (typ. 0.2)	≤ 0.4dB (typ 0.3)	≤ 0.5dB (typ 0.35)
Return Loss	≥ 50dB	≥ 60dB (typ 65)	≥ 35dB
Repeatability	≤ 0.2dB		
Operating Temp	-40°C ~ +70°C		
Storage Temp	-40°C ~ +70°C		

*(See reverse side for ordering information)*

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## Fiber Patch Cords

### Ordering Information

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Configuration	Optical Fiber	Cable Type	Connector A	Ferrule Polish A	Connector B/ Ferrule Polish B	Cable O.D.	Cable Length
<b>PC:</b> Patch cord <b>PT:</b> Pigtail	<b>S:</b> Single Mode <b>M5:</b> MM 50 <b>M6:</b> MM 62.5	<b>S:</b> Simplex <b>D:</b> Duplex	<b>F:</b> FC <b>S:</b> SC <b>T:</b> ST <b>L:</b> LC <b>U:</b> MU <b>E:</b> E2000	<b>P:</b> PC <b>U:</b> UPC <b>A:</b> APC	For B: Repeat selection of ferrule and polish as for connector A. <b>00:</b> None	<b>5:</b> 250um <b>9:</b> 0.9mm <b>2:</b> 2.0mm <b>3:</b> 3.0mm	<b>005:</b> 0.5M <b>010:</b> 1.0M <b>015:</b> 1.5M <b>020:</b> 2.0M <b>030:</b> 3.0M <b>100:</b> 10.0M

Example: A Single Mode, Simplex, SC/APC - SC/APC, 2 meter patch cord with a 2.0mm jacket:  
**PCSSSASA2020**

### Other M2 Products

#### Passive Optical Components

Fixed/Variable Attenuators  
 Fiber Patch Cords and Pigtails  
 Couplers and Splitters



#### Active Test Equipment

Optical Receiver & OMI instruments  
 Optical Power Meters  
 Fiber Identifier



### Field Simulation / *Fiber Lab Series*

