



## Fiber Optic Patch Cord

### Introduction:

- From simple pigtail or patchcord assemblies to larger multi-core projects with pulling protection, Kamaxoptic is the specialist in this sector. Capacity is 40k terminations/ day and quality is excellent and consistent. All terminations and a wide range of cables available.

### FEATURES:

- Low insertion loss and back reflection loss
- Good exchangeability
- Good Durability
- High temperature stability
- Standard: Telcordia GR-326-CORE

### APPLICATIONS

- CATV
- Telecommunication networks
- Active device termination
- Metro
- Local Area Networks (LANs)
- Data processing networks
- Test equipment
- Premise installations
- Wide Area Networks (WANs)

### FEATURES

- Low insertion loss and back reflection loss
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### AVAILABILITY

- Simplex/Duplex patch-cord available
- Fan-out available
- Pigtail available
- Various boot (cable) sizes available



### SPECIFICATIONS

	Single mode	Multimode
Insertion Loss	Typical $\leq 0.2\text{dB}$ , Maximum $\leq 0.3\text{dB}$	$\leq 0.25\text{dB}$
Return Loss	$\geq 50\text{ dB (PC)}$ $\geq 60\text{ dB (APC)}$	
Repeatability	$\leq 0.1$	
Durability	$\leq 0.2\text{ dB typical change, 1000 matings}$	
Interchangeability	$\leq 0.2\text{dB}$	
Tensile strength	$>70\text{N}$	
Operating Temperature	$-20\text{ to }+70^\circ\text{C}$	$-20\text{ to }+70^\circ\text{C}$

### ORDERING OPTIONS

Connector Color	Boot (cable) Size	Boot Color	Fiber Type	Cable number	Application	Length
Beige	0.9mm	Beige	9/125 $\mu\text{m}$ (SM)	Simplex	PC	Customized
Blue	2.0mm	Black	50/125 $\mu\text{m}$ (MM)	Duplex	APC	
Green	3.0mm	Blue	62.5/125 $\mu\text{m}$ (MM)	Fan-out (4f)		
		Green		Fan-out (6f)		
		Gray		Fan-out (8f)		
		Red		Fan-out (12f)		
		White				