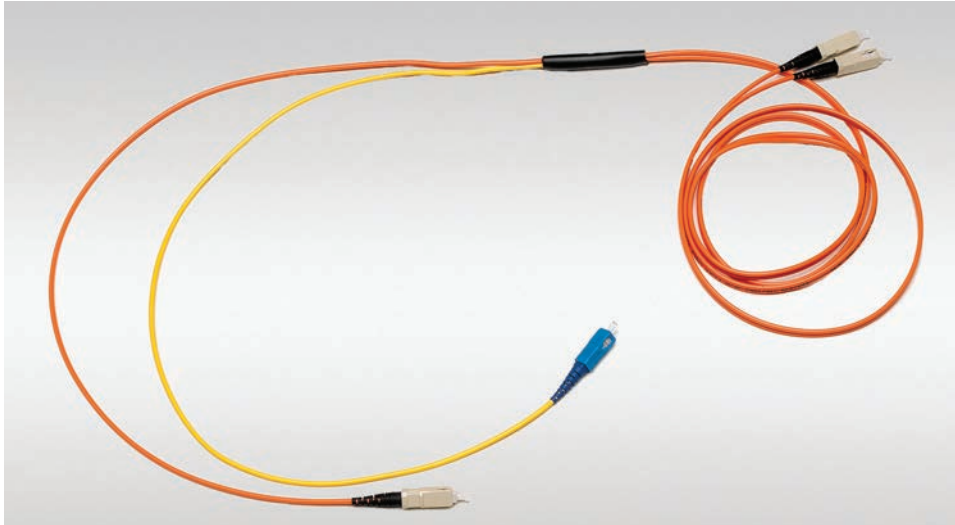


MPS-2600

## Mode Conditioning Cable / Gigabit Launch Cable



**These environmentally stable mode conditioning cables are compliant with the IEEE 802.3 application standard and possess the same quality that every MPS product delivers**

The MPS-2600 Optical Mode Conditioning / Gigabit Launch Cable is designed to support Gigabit Ethernet 1000Base-LX network upgrades. The MPS-2600 is made with Corning Fiber and is offered in two different connector types. Our Corning Line utilizes all Corning connectors and our Value line uses quality low-cost connectors. Every assembly meets Telcordia standards and is individually tested for insertion and return loss. In addition, each cable is supplied with a test record sheet. These environmentally stable mode conditioning cables are compliant with the IEEE 802.3 application standard and possess the same quality that every MPS product delivers. The unit is conveniently packaged as a standard duplex cable assembly with the option of either a streamlined conformal package or an injection molded case with mounting holes. Below is a part number generator for typical configurations including our new MTRJ and High-speed 4G/10G (50/125  $\mu\text{m}$  multimode fiber) Mode Conditioners.

**Information:** Call us toll-free at 888-868-8967 or email [info@b2bphotonics.com](mailto:info@b2bphotonics.com)

### Features

- Insertion & Return Loss Tested
- Serialized & Individual Test Records
- Guaranteed Zero Defects
- Meets Telcordia Endface Geometry Requirements
- Compliant With IEEE 802.3 Application Standard

Microwave Photonic Systems, Inc.

1155 Phoenixville Pike, Unit 106, West Chester, PA 19380, Toll-Free: 888-868-8967

Phone: 610-344-7676, Fax: 610-344-7110, E-mail: [info@b2bphotonics.com](mailto:info@b2bphotonics.com), Internet: [b2bphotonics.com](http://b2bphotonics.com)

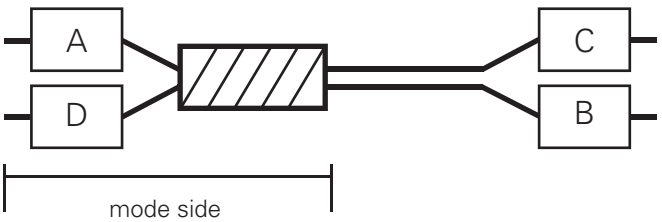
100204 CAGE 1A9M1

MPS-2600

# Mode Conditioning Cable/ Gigabit Launch Cable

## Specifications

Typ. Multimode Insertion Loss (per connector):	< 0.25 dB
Typ. Singlemode Return Loss (per connector):	< -55.0 dB
Typ. Singlemode Insertion Loss (incl. SM to MM splice):	< 0.50 dB



**Example:**  
 Part number for a Corning 62.5/125 μm mode conditioner with a Singlemode "mode leg". SC connectors on the mode side and ST connectors on the other with an overall length of 3.5 meters:

MPS-2600-C-1-4-SC-ST-3.5

## Part Number Generator

2600	-		-		-		-		-		-	
		Fiber Material: (C) = Corning (V) = Value		Mode Side: 1 = 9/125 μm 2 = 50/125 μm (10G)		Non-Mode Leg: 3 = 50/125 μm (10G) 4 = 62.5/125 μm (10G)		Connector A/D (mode side) 0 = None 1 = FC/UPC 2 = FC/APC 3 = SC/UPC 4 = SC/APC 5 = LC/UPC 6 = Special 7 = ST/UPC 9 = MTRJ		Connector C/B 0 = None 1 = FC/UPC 2 = FC/APC 3 = SC/UPC 4 = SC/APC 5 = LC/UPC 6 = Special 7 = ST/UPC 9 = MTRJ		Lead Length: (X) Meters

