

MPS-1300

## Multimode, Simplex Optical Reference Cable



### Features

- Insertion & Return Loss Tested
- Serialized & Individual Test Records
- Guaranteed Zero Defects
- Meets Telcordia Endface Geometry Requirements
- Custom Configurations Available at No Extra Charge
- One-year Warranty

### Every assembly exceeds Telcordia standards and is tested for insertion and return loss

MPS-1300 Multimode, Simplex Optical Jumper Cables and Pigtails utilize TLC's Gigabit Cable which is made with Corning InfiniCor high performance fiber. They are offered with two different brands of connectors; Our Corning line is built using Corning connectors and our Value line uses quality non-Corning connectors at a substantial discount.

Every assembly exceeds Telcordia standards and is individually tested for insertion and return loss. The assemblies are offered with a plenum or riser-rated 3mm, 2mm, 1.8mm or 1.6mm jacketed fiber or 900µm buffered fiber. They can be supplied at any length either as a complete jumper or as a pigtail. Each reference cable include a full Interferometer test report, factory acceptance testing report, test equipment calibration, test verification.

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

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## Specifications

### Insertion Loss

UPC or APC: .15 dB typical, .25 dB max

### Return Loss

UPC: > 55 dB

APC: > 65 dB

### Endface Geometry

Fiber Height:  $-50 \text{ nm} \leq x \leq 50 \text{ nm}$

Radius:  $7 \text{ mm} < R < 35 \text{ mm}$

Apex Offset:  $x < 50 \text{ }\mu\text{m}$



## Part Number Generator



### Furcation Diameter

(B) = 250  $\mu\text{m}$  Barefiber  
 (L) = 900  $\mu\text{m}$  loose tube  
 (T) = 900  $\mu\text{m}$  tight buffer  
 (K) = 2 mm cable  
 (M) = 2.4 mm cable  
 (R) = 3mm cable

### Connector Mfr.

C = Corning  
 V = Value

### Connector A

0 = None  
 1 = FC/UPC  
 2 = FC/APC  
 3 = SC/UPC  
 4 = SC/APC  
 5 = LC/UPC  
 6 = Special  
 7 = ST/UPC

### Connector B

0 = None  
 1 = FC/UPC  
 2 = FC/APC  
 3 = SC/UPC  
 4 = SC/APC  
 5 = LC/UPC  
 6 = Special  
 7 = ST/UPC

### Fiber Length (X) Meters

### Fiber Types

1 = 50/125  
 2 = 62.5/125  
 3 = 10G, Ethernet  
 4 = Special

