

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 Pigtailed 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)

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

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## Specifications

### Insertion Loss

UPC or APC: .30 dB typical, .50 dB max

### Return Loss

UPC: > 20 dB

APC: > 40 dB

### Endface Geometry

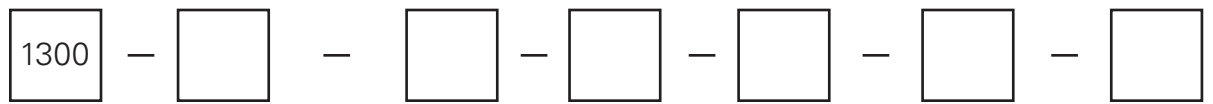
Fiber Height:  $-50 \text{ nm} \leq x \leq 50 \text{ nm}$

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

(T) = 900  $\mu\text{m}$  tight buffer

(K) = 2 mm cable

(R) = 3mm cable

(O) = Other

### Connector Mfr.

C = Corning

V = Value

(O) = Other

### Connector A

0 = None

1 = FC/UPC

2 = FC/APC

3 = SC/UPC

4 = SC/APC

5 = LC/UPC

6 = ST/UPC

8 = Other

### Connector B

0 = None

1 = FC/UPC

2 = FC/APC

3 = SC/UPC

4 = SC/APC

5 = LC/UPC

6 = ST/UPC

8 = Other

### Fiber Length

(X) Meters

(Please indicate how many meters you require for X.)

### Fiber Types

1 = 50/125 mm

2 = 62.5/125 mm

3 = 10G, OM3 mm

8 = Other

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