

## MU High Density Cable Assemblies

### Product Facts

- Can be used with MU backplane connectors (Z-PACK 2 mm HM type L connector housings) for complete backplane or board to board solution
- 1.25 mm ferrule design
- Polarized to ensure precise insertion
- High density (up to 8 lines per module)
- “Push Pull” (SC style) latching mechanism
- Fully compliant with:
  - 1.25 mm ferrule design IEC60917 and IEC 61076-4-101
  - IEC 60874-1
  - CECC 86 305 801 (MU-APC)
  - JIS C-5970
  - I-ETS 300 671
  - IEC 61300

### Performance Characteristics

#### Insertion Loss —

Singlemode: 0.3 dB Max  
<0.1 dB Typical  
Multimode: 0.1 dB Typical

#### Return Loss —

Singlemode: 55 dB - PC endface  
Typical  
>65 dB - APC endface  
Multimode: 20 dB



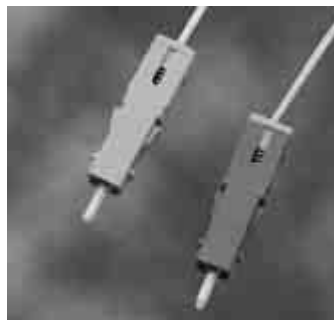
### MU Cable Assemblies

| Description                                | Part Numbers |           |           |
|--------------------------------------------|--------------|-----------|-----------|
|                                            | 1 Meter      | 2 Meters  | 3 Meters  |
| LC to MU Board Plug Singlemode 900 $\mu$ m | 6457327-1    | 6457327-2 | 6457327-3 |
| LC to MU 62.5/125 900 $\mu$ m              | 6457328-1    | —         | —         |
| MU to SC Singlemode 900 $\mu$ m            | 6457329-1    | 6457329-2 | 6457329-3 |
| MU to SC 62.5/125 900 $\mu$ m              | 6457330-1    | 6457330-2 | 6457330-3 |
| MU to MU Singlemode Buffered               | 6457482-1    | 6457482-2 | 6457482-3 |
| MU to MU Singlemode 2 mm                   | 6457523-1    | 6457523-2 | 6457523-3 |
| MU to SC Singlemode 2.0 mm                 | 6588145-1    | 6588145-2 | —         |

Other lengths available upon request.

### MU Boardplug Pigtails with Riser Cable

MU boardplug pigtails are designed for use with female Z-PACK 2 mm HM housings on the daughter-card. Available with 900  $\mu$ m buffered fiber and in lengths of 1 meter as standard, custom lengths are available upon request.



| Fiber Size ( $\mu$ m) | Endface | Cable Type          | Length (meter) | Part Number |
|-----------------------|---------|---------------------|----------------|-------------|
| 9/125                 | PC      | 900 $\mu$ m pigtail | 1              | 5106751-1   |

**Note:** All part numbers are RoHS compliant.