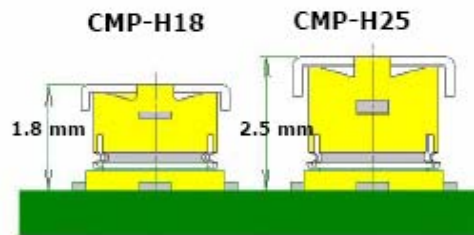


Coaxial Micro-Plugs(CMP) and Receptacles

The GigaLane *Coaxial Micro-Plugs and Receptacles* (Fully compatible with Hirose U.FL series) are specially designed for Space Reduction on Circuit Boards and for Vertical Mounting on RF Boards. They have the excellent RF performance on the right angle transitions **up to 7 GHz**.



Mated Height of Coaxial Micro-Plugs

Features

- Fully compatible with Hirose U.FL series.
- DC to 7 GHz (VSWR <1.3).
- Cable assembly of 0.8mm, 1.13mm, and 1.30mm coaxial cables.
- Mated heights of 1.80 mm and 2.50 mm.
- Vertical mounting on receptacle (SMT).

Applications

- GSM, GPRS & CDMA mobile Phones
- Navigation, DMB,PDA & Notebook PC, GPS, Wireless LAN , Bluetooth
- Measurement instruments and test systems



Mobile Phones



GPS



Bluetooth



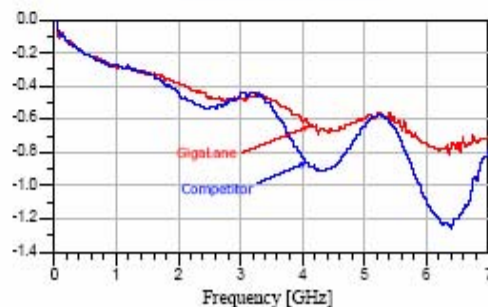
PCI

Performance

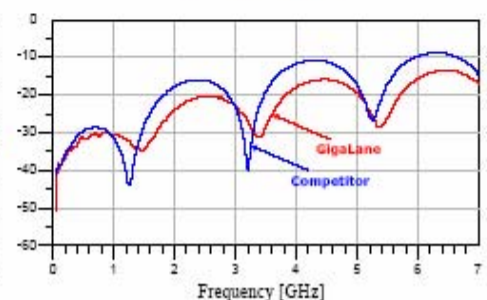


Cable Length : 100 mm

Insertion Loss

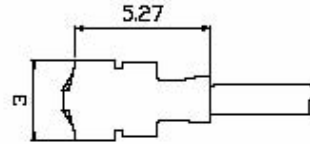
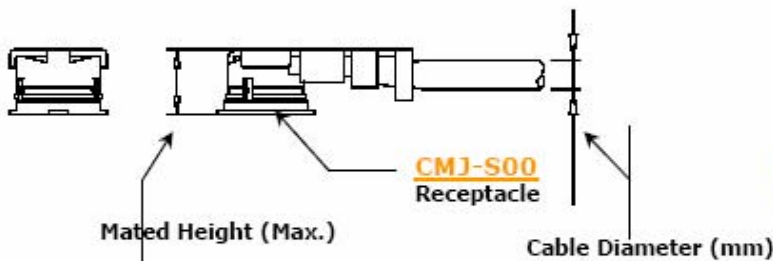


Return Loss



Coaxial Micro-Plugs(CMP) and Receptacles

Mated CMP Connector



| Mated Height(Max.) | Cable Diameter |
|--------------------|----------------|
| 1.80 mm | 0.81 mm |
| 2.50 mm | 1.13 mm |
| | 1.30 mm |

Part No. & Ordering Information

Ex) **CMP-G113H25-CMP-150mm**



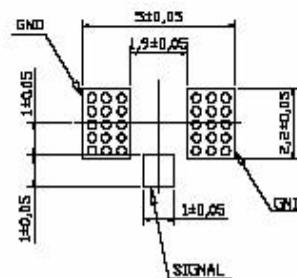
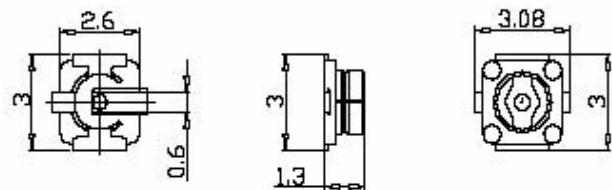
Tolerance of Cable Assembly

| Total Length(mm) | Tolerance(mm) |
|------------------------|---------------|
| $35 \leq L \leq 200$ | ± 4 |
| $200 \leq L \leq 500$ | ± 8 |
| $500 \leq L \leq 1000$ | ± 12 |
| $1000 <$ | $\pm 1.5 \%$ |

Receptacles



Part No. CMJ-S00



Recommended PCB Pattern