



* Label and Shrinking tube design depend on customer's request.

Configuration

| | |
|---------------------------|-----------------------------|
| Connector 1 Type | 2.4mm Male |
| Connector 1 Body Style | Straight |
| Body Material and Plating | Passivated Staindless Steel |
| Connector 1 Mount Method | None |
| Connector 2 Type | 2.4mm Female |
| Connector 2 Body Style | Straight |
| Body Material and Plating | Passivated Staindless Steel |
| Connector 2 Mount Method | None |
| Cable Type | U12 Series |

Electrical Specifications

| | |
|-----------------------------|---------------|
| Impedance | 50 Ω |
| Frequency | DC to 50 GHz |
| Return Loss/VSWR | 1.35 |
| Phase Stability vs. Flexure | N/A |
| Amplitude Stability | N/A |
| Shielding Effectiveness | <-90dB @ 1GHz |
| Phase Matching | On request |
| Signal Delay | On request |

Environmental Data

| | |
|-------------------|-----------------|
| Temperature Range | -40°C to +125°C |
| 2002/95/EC(RoHS) | Compliant |

Cable Specifications

| | |
|----------------------------|----------------------|
| Center Conductor | Silver plated copper |
| Dielectric | ePTFE |
| Jacket | FEP |
| Velocity of propagation(%) | 80 |
| Min. bending radius(mm) | 10 |
| Jacket Diameter(mm) | 1.85 |

Part Number List

| Part Number | Length [mm] | Insertion Loss \leq (dB) | | | | |
|-------------------|---------------|----------------------------|------|-------|-------|-------|
| | | 3GHz | 6GHz | 18GHz | 40GHz | 50GHz |
| GAU12-24M24F-1000 | 1000 \pm 10 | 2.96 | 5.21 | 6.38 | 7.93 | 8.92 |
| GAU12-24M24F-800 | 800 \pm 10 | 2.39 | 4.21 | 5.15 | 6.40 | 7.21 |
| GAU12-24M24F-600 | 600 \pm 5 | 1.82 | 3.21 | 3.93 | 4.88 | 5.50 |
| GAU12-24M24F-400 | 400 \pm 5 | 1.26 | 2.21 | 2.71 | 3.36 | 3.78 |
| GAU12-24M24F-200 | 200 \pm 5 | 0.69 | 1.22 | 1.49 | 1.84 | 2.07 |

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