| U12, FLEXIBLE CABLE, | | |
|---|--|--|
| PPO(FEMALE)- GPPO(FEMA | ALE) GAU12-GPPFGPPF-XXX | |
| | | |
| | | |
| | | |
| - | | |
| | | |
| GPPO FEMALE | GPPO FEMALE | |
| | | |
| | | |
| Label and Shrinking tube design de | epend on customer's request. | |
| | | |
| | | |
| Configuration | | |
| Connector 1 Type | GPPO(Mini-SMP) Female | |
| Connector 1 Body Style | Straight | |
| Body Material and Plating | CuBe gold plated | |
| Connector 1 Mount Method | None | |
| Connector 2 Type | GPPO(Mini-SMP) Female | |
| Connector 2 Body Style | Straight | |
| Body Material and Plating | CuBe gold plated | |
| Connector 2 Mount Method | None | |
| Cable Type | U12 | |
| Electrical Specificati | ons | |
| Impedance | 50 Ω | |
| Frequency | DC to 40 GHz | |
| Return Loss/VSWR | 10dB | |
| Phase Stability vs. Flexure | N/A | |
| Amplitude Stability | N/A | |
| 1 / | <-90dB @ 1GHz | |
| Shielding Effectiveness | | |
| Shielding Effectiveness Phase Matching | On request | |
| | On request On request | |
| Phase Matching Signal Delay | | |
| Phase Matching | | |
| Phase Matching Signal Delay | | |
| Phase Matching Signal Delay Environmental Data | On request | |
| Phase Matching Signal Delay Environmental Data Temperature Range | On request -40°C to +125°C | |
| Phase Matching Signal Delay Environmental Data Temperature Range | On request -40°C to +125°C | |
| Phase Matching Signal Delay Environmental Data Temperature Range | On request -40°C to +125°C | |
| Phase Matching Signal Delay Environmental Data Temperature Range | On request -40°C to +125°C Compliant Tel.: +86 10 86484190 | |

Gwave

U12, FLEXIBLE CABLE, GPPO(FEMALE)- GPPO(FEMALE)

GAU12-GPPFGPPF-XXX

Cable Specifications

| Center Conductor | silver plated copper | |
|----------------------------|---------------------------|--|
| Dielectric | ePTFE | |
| Outer Conductor | Silver plated copper wire | |
| Velocity of propagation(%) | 80 | |
| Min. bending radius(mm) | 8 | |
| Jacket Diameter(mm) | 1.50 | |

Part Number List

| Part Number Le | Length [mm] | Insertion Loss ≤(dB) | | | |
|---------------------|-------------|----------------------|-------|-------|-------|
| | | 3GHz | 6GHz | 18GHz | 40GHz |
| GAU12-GPPFGPPF-1000 | 1000±10 | 2.159 | 3.074 | 5.418 | 8.237 |
| GAU12-GPPFGPPF-500 | 500±5 | 1.166 | 1.660 | 2.921 | 4.435 |
| GAU12-GPPFGPPF-300 | 300±5 | 0.769 | 1.094 | 1.923 | 2.914 |
| GAU12-GPPFGPPF-200 | 200±5 | 0.571 | 0.811 | 1.443 | 2.154 |
| GAU12-GPPFGPPF-100 | 100±5 | 0.372 | 0.528 | 0.924 | 1.393 |

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

| Gwave Technology Inc. | Tel.: +86 10 86484190 | Page |
|--|---|------|
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