



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

Configuration

| | |
|---------------------------|-----------------------------|
| Connector 1 Type | 3.5mm Male |
| Connector 1 Body Style | Straight |
| Body Material and Plating | Passivated Staindless Steel |
| Connector 1 Mount Method | None |
| Connector 2 Type | 3.5mm Female |
| Connector 2 Body Style | Straight |
| Body Material and Plating | Passivated Staindless Steel |
| Connector 2 Mount Method | None |
| Cable Type | 210A Series |

Electrical Specifications

| | |
|-----------------------------|--------------------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 26.5 GHz |
| Return Loss/VSWR | 1.35 to 26.5 GHz |
| Phase Stability vs. Flexure | 3°@ 10GHz,5°@ 18GHz |
| Amplitude Stability | N/A |
| Shielding Effectiveness | <-100dB @ 1GHz |
| Phase Matching | On request |
| Signal Delay | On request |
| Power Handling | 200watt @ 20GHz at sea level,VSWR1.0 |

Environmental Data

| | |
|-------------------|-----------------|
| Temperature Range | -40°C to +165°C |
| 2002/95/EC(RoHS) | Compliant |

Cable Specifications

| | |
|----------------------------|----------------------|
| Center Conductor | Silver plated copper |
| Dielectric | Low Density PTFE |
| Jacket | FEP |
| Capacitance(pF/m) | 86 |
| Velocity of propagation(%) | 77 |
| Min. bending radius(mm) | 9.65 |
| Jacket Diameter(mm) | 5.33±0.13 |

Armor Specifications

| | |
|-------------------------|----------------------------------|
| Armor Type | Stainless Steel Interlocked Hose |
| Min. bending radius(mm) | 50.8 |
| Diameter(mm) | 9.5 |

Part Number List

| Part Number | Length [mm] | Insertion Loss ≤(dB) | | | |
|---------------------|-------------|----------------------|-------|-------|---------|
| | | 6GHz | 10GHz | 18GHz | 26.5GHz |
| GAU7-35M35F-12000A2 | 12000±30 | 8.21 | 10.95 | 15.41 | 19.42 |
| GAU7-35M35F-10000A2 | 10000±30 | 6.88 | 9.17 | 12.89 | 16.26 |
| GAU7-35M35F-8000A2 | 8000±30 | 5.55 | 7.41 | 10.4 | 13.11 |
| GAU7-35M35F-6000A2 | 6000±30 | 4.22 | 5.62 | 7.89 | 9.95 |
| GAU7-35M35F-3000A2 | 3000±30 | 2.22 | 2.95 | 4.14 | 5.21 |
| GAU7-35M35F-2000A2 | 2000±20 | 1.56 | 2.06 | 2.89 | 3.63 |
| GAU7-35M35F-1500A2 | 1500±15 | 1.22 | 1.62 | 2.26 | 2.84 |
| GAU7-35M35F-1200A2 | 1200±12 | 1.02 | 1.35 | 1.89 | 2.36 |
| GAU7-35M35F-1000A2 | 1000±10 | 0.89 | 1.18 | 1.64 | 2.05 |
| GAU7-35M35F-800A2 | 800±10 | 0.75 | 0.99 | 1.38 | 1.73 |
| GAU7-35M35F-600A2 | 600±10 | 0.62 | 0.82 | 1.14 | 1.42 |
| GAU7-35M35F-500A2 | 500±10 | 0.56 | 0.73 | 1.01 | 1.25 |

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