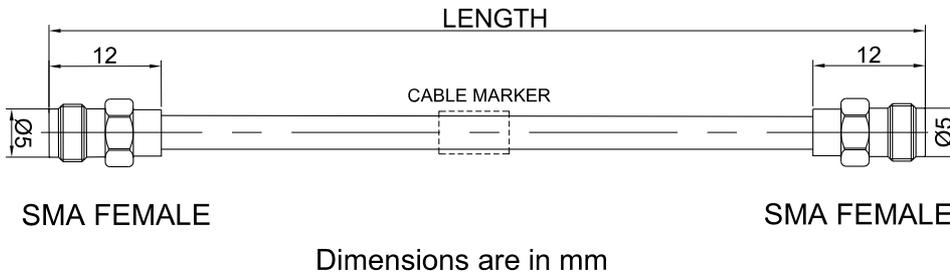


P/N: GA721-SMFSMF-XXX

SMA Female to SMA Female Cable Assembly | .141" Semi-flexible Cable without Jacket □ DC-18GHz



Connectors Configuration

| | Connector 1 | Connector 2 |
|---------------------------|-------------|-------------|
| Connector Series | SMA | SMA |
| Connector Polarity | Standard | Standard |
| Connector Gender | Female | Male |
| Connector Impedance (Ohm) | 50 | 50 |
| Connector Body Style | Straight | Straight |
| Connector Body Material | Brass | Brass |
| Connector Body Plating | Gold | Gold |

Cable Configuration

| | |
|--------------------------|---|
| Cable Type | Semi-flexible |
| Cable Impedance (Ohm) | 50 |
| Inner Conductor Material | Silver Plated Copper Covered Steel (SCCS) |
| Dielectric Material | PTFE |
| Number of Shields | 1 |
| Shield Layer 1 Material | Tin-soaked, Tin Plated Copper (T) |
| Cable Diameter (mm) | 3.6 |
| Cable Color | Silver |
| Minimum Bend Radius (mm) | 10 |
| Capacitance (pF/m) | 94 |
| Velocity of Propagation | 71% |
| Shielding Effectiveness | >100dB |



P/N: GA721-SMFSMF-XXX

SMA Female to SMA Female Cable Assembly | .141" Semi-flexible Cable without Jacket □ DC-18GHz

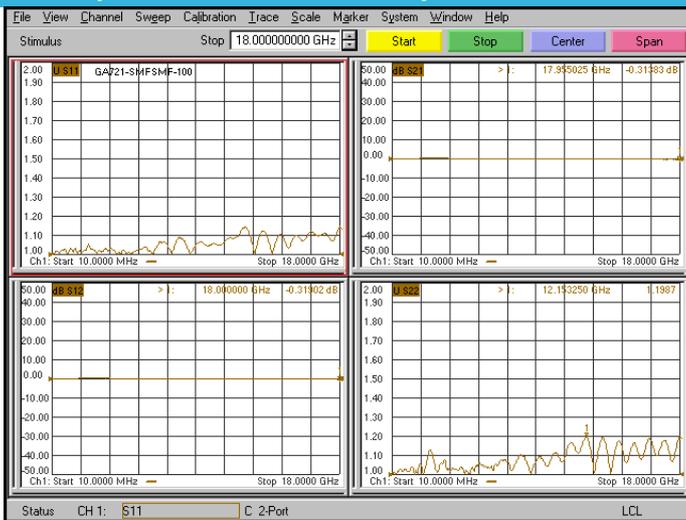
Electrical Data

| Electrical Specifications for Different Length | | | | |
|--|-----------------------|-----------|--------------------|-----------------------|
| Length (mm) | Length Tolerance (mm) | Frequency | VSWR / Return Loss | Insertion Loss ≤ (dB) |
| 100 | ±3 | DC-18GHz | 1.3 | 0.59 |
| 200 | ±3 | | | 0.79 |
| 300 | ±5 | | | 0.99 |
| 400 | ±5 | | | 1.19 |
| 500 | ±5 | DC-18GHz | | 1.38 |

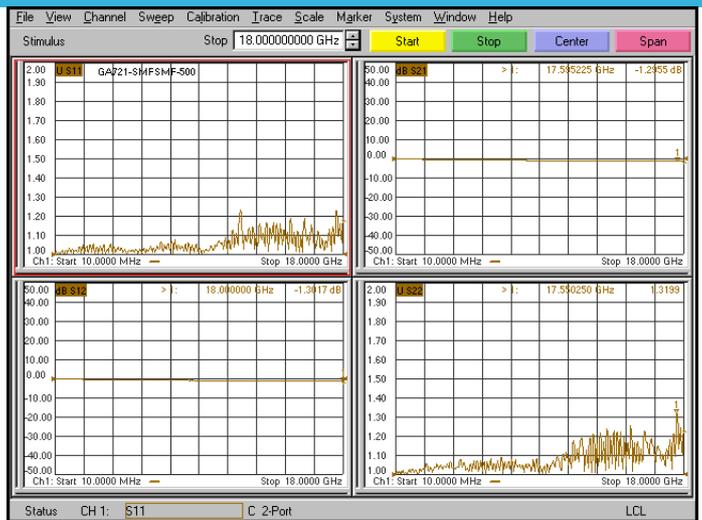
Environmental Specifications

RoHS Compliant
Yes
Operating Temperature Range
-40°C to +125°C

Test Report for Cable assembly



*Note: Test Cable Assembly Length = 100 mm



*Note: Test Cable Assembly Length = 500 mm