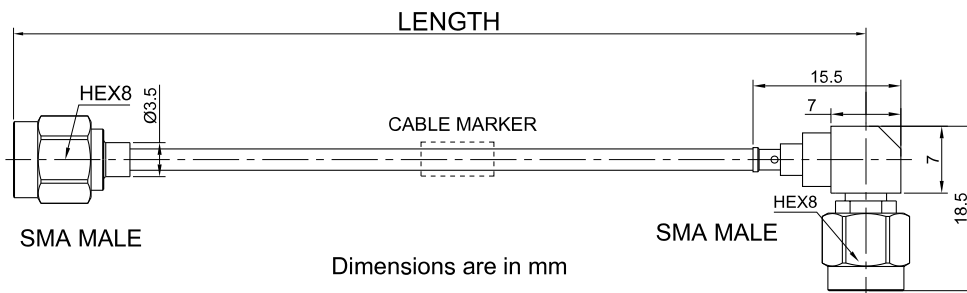


P/N: GA710-SMMSMWM-XXX-18G

## SMA Male to SMA Right Angle Male Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 18GHz



### Connectors Configuration

|                           | Connector 1     | Connector 2     |
|---------------------------|-----------------|-----------------|
| Connector Series          | SMA             | SMA             |
| Connector Polarity        | Standard        | Standard        |
| Connector Gender          | Male            | Male            |
| Connector Impedance (Ohm) | 50.0            | 50.0            |
| Connector Body Style      | Straight        | Right Angle     |
| Connector Body Material   | Stainless Steel | Stainless Steel |
| Connector Body Plating    | Passivated      | Passivated      |

### Cable Configuration

|                          |                                 |
|--------------------------|---------------------------------|
| Cable Type               | .086" Semi-rigid Cable (Copper) |
| Cable Impedance (Ohm)    | 50                              |
| Inner Conductor Material | Silver plated copperweld        |
| Dielectric Material      | Solid PTFE                      |
| Shield Layer 1 Material  | Copper                          |
| Cable Diameter (mm)      | 2.2                             |
| Cable Color              | Cooper                          |
| Minimum Bend Radius (mm) | 6mm                             |
| Capacitance (pF/m)       | 95                              |
| Velocity of Propagation  | 70%                             |
| Shielding Effectiveness  | <-120dB @ 1GHz                  |

P/N: GA710-SMMSMWM-XXX-18G

SMA Male to SMA Right Angle Male Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | 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 | 1.35 to 18GHz      | 0.83                  |
| 200                                            | ±3                    |            |                    | 1.16                  |
| 300                                            | ±5                    |            |                    | 1.49                  |
| 500                                            | ±5                    |            |                    | 2.15                  |

## Enviromental Specifications

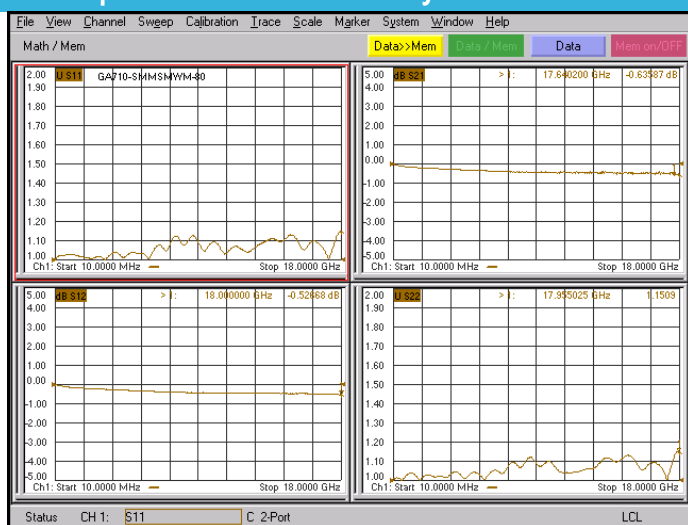
RoHS Compliant

Yes

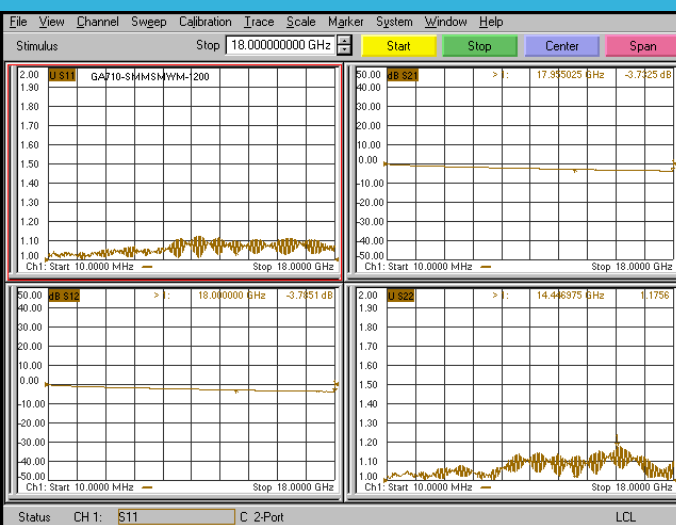
Operating Temperature Range

-45 °C to +85 °C

## Test Report for Cable assembly



\*Note: Test Cable Assembly Length = 80 mm



\*Note: Test Cable Assembly Length = 1200 mm