

GT3507, FLEXIBLE CABLE,  
2.92MM(MALE)-2.92MM(MALE) RIGHT ANGLE

**GAU3-292M292WM-XXX**



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

## Configuration

|                           |                             |
|---------------------------|-----------------------------|
| Connector 1 Type          | 2.92mm Male                 |
| Connector 1 Body Style    | Straight                    |
| Body Material and Plating | Passivated Staindless Steel |
| Connector 1 Mount Method  | None                        |
| Connector 2 Type          | 2.92mm Male                 |
| Connector 2 Body Style    | Right Angle                 |
| Body Material and Plating | Passivated Staindless Steel |
| Connector 2 Mount Method  | None                        |
| Cable Type                | GT3507                      |

## Electrical Specifications

|                             |                                     |
|-----------------------------|-------------------------------------|
| Impedance                   | 50 $\Omega$                         |
| Frequency                   | DC to 40 GHz                        |
| Return Loss/VSWR            | 1.35 to 40 GHz                      |
| Phase Stability vs. Flexure | N/A                                 |
| Amplitude Stability         | N/A                                 |
| Shielding Effectiveness     | <-90dB @ 1GHz                       |
| Phase Matching              | On request                          |
| Signal Delay                | On request                          |
| Power Handling              | 200watt @ 5GHz 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                 | ePTFE                |
| Jacket                     | FEP                  |
| Velocity of propagation(%) | 85                   |
| Min. bending radius(mm)    | 6.35                 |
| Jacket Diameter(mm)        | 3.60±0.13            |

**Part Number List**

| Part Number         | Length [mm] | Insertion Loss ≤(dB) |       |         |       |
|---------------------|-------------|----------------------|-------|---------|-------|
|                     |             | 10GHz                | 18GHz | 26.5GHz | 40GHz |
| GAU3-292M292WM-8000 | 8000±30     | 9.94                 | 13.64 | 17.26   | 21.36 |
| GAU3-292M292WM-3000 | 3000±30     | 3.89                 | 5.34  | 6.76    | 8.36  |
| GAU3-292M292WM-2000 | 2000±20     | 2.68                 | 3.68  | 4.66    | 5.76  |
| GAU3-292M292WM-1500 | 1500±15     | 2.08                 | 2.85  | 3.61    | 4.46  |
| GAU3-292M292WM-1200 | 1200±12     | 1.72                 | 2.35  | 2.98    | 3.68  |
| GAU3-292M292WM-1000 | 1000±10     | 1.47                 | 2.02  | 2.56    | 3.16  |
| GAU3-292M292WM-600  | 600±10      | 0.98                 | 1.36  | 1.72    | 2.12  |
| GAU3-292M292WM-500  | 500±10      | 0.865                | 1.19  | 1.51    | 1.86  |
| GAU3-292M292WM-400  | 400±10      | 0.75                 | 1.02  | 1.31    | 1.58  |
| GAU3-292M292WM-200  | 200±10      | 0.53                 | 0.72  | 0.87    | 1.08  |

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