



PRODUCT DATA SHEET

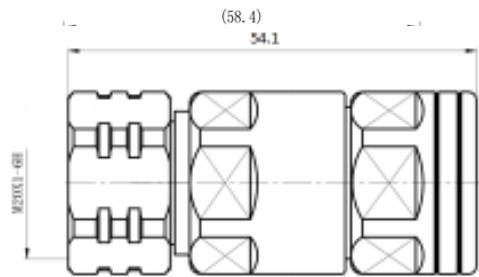
Coaxial Cable Connector : 4310-J7/8

Description

4.3-10 Male Straight Screw Type for 7/8" Feeder Cable

Suitable standard

IEC 61169-54



Dimensions are in millimeters

MATERIALS & PLATING

| | Description | Material | Surface Plating | Remark |
|---|------------------|----------|-----------------|--------|
| 1 | Body | BRASS | Tri-Alloy | - |
| 2 | Center Conductor | BRASS | Ag | - |
| 3 | Insulator | PTFE | - | - |
| 4 | Other | BRASS | Ni | - |

ELECTRICAL CHARACTERISTICS

| | Item | Technical Data |
|---|---------------------------------|---|
| 1 | Impedance | 50Ω |
| 2 | Frequency range max | DC~6GHz |
| 3 | Dielectric Withstanding Voltage | 2500V (RMS) |
| 4 | Contact Resistance | Center conductor ≤ 1mΩ, Outer conductor ≤ 1mΩ |
| 5 | Insulation Resistance | ≥ 5000MΩ |
| 6 | VSWR | ≤1.10 @ DC~3 GHz ≤1.20 @ 3~6 GHz |

MECHANICAL CHARACTERISTICS

| | | |
|---|------------|---------------------|
| 1 | Durability | ≥ 500 Mating cycles |
|---|------------|---------------------|

ENVIRONMENTAL CHARACTERISTICS

| | | |
|---|-------------------|----------------------|
| 1 | Temperature range | - 40°C to +85 °C |
| 2 | Environment | IP68 |
| 3 | RoHS-compliance | Full RoHS compliance |
| 4 | Salt-fog test | 96h |

Technical data are subjected to change without notice – File : 4310-J7/8 2017V1.0