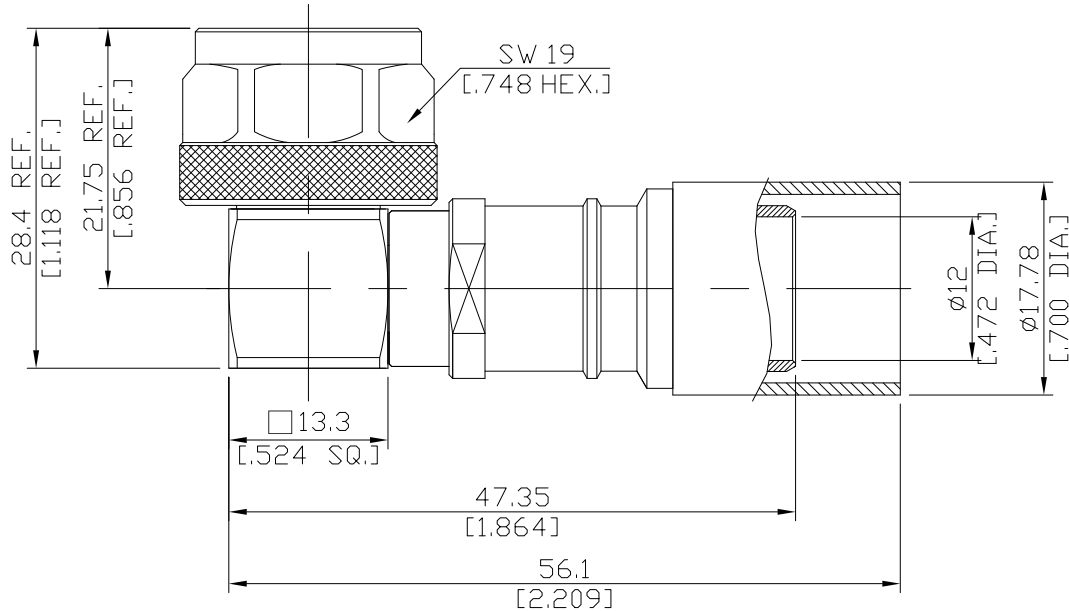


N Plug (Male) Right Angle Connector, Cable Entry: Crimp,
Contact Pin: Plug-in Attachment for LMR-600, RNL-600, DC-6 GHz, VSWR 1.40

N1C59-EZR600A / 9XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-16; MIL-STD-348B/304; CECC 22210; MIL-PRF-39012

Electrical Data

| | | |
|--|---------------------|-----------------|
| Impedance | 50 Ω | |
| Frequency | DC to 6 GHz | |
| VSWR (Return Loss) | ≤ 1.40 (≥ 15.56 dB) | |
| Insertion Loss | ≤ 0.15x √F (GHz) dB | |
| Insulation Resistance | ≥ 5 GΩ | |
| Center Contact Resistance | ≤ 1 mΩ | |
| Outer Contact Resistance | ≤ 0.25 mΩ | |
| Working Voltage | 500 V rms | |
| Power handling (at 20 °C, sea level, VSWR 1.0) | ≤ 1000 W @ 1 GHz | ≤ 700 W @ 2 GHz |

-VSWR in application depends decisive on cable assembly process-

Material And Plating

| Piece Parts | Material | Plating |
|----------------|------------------|---|
| Centre contact | Beryllium Copper | Gold plating (Non-magnetic nickel-phosphorus underplating) |
| Body | Stainless Steel | Passivated |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Coupling nut | Stainless Steel | Passivated |
| Crimp ferrules | Brass | Copper-Tin-Zinc Alloy |

N Plug (Male) Right Angle Connector, Cable Entry: Crimp,
Contact Pin: Plug-in Attachment for LMR-600, RNL-600, DC-6 GHz, VSWR 1.40

N1C59-EZR600A / 9XX

Mechanical Data

| | |
|-----------------------------------|------------------|
| Coupling Mechanisms | Screw-On |
| Mating Cycles | min. 500 |
| Coupling Nut Retention | ≥ 450 N |
| Center contact captivation: axial | ≥ 28 N |
| Coupling Test Torque | max. 1.7 Nm |
| Recommended Torque | 0.7 Nm to 1.1 Nm |
| Centre Contact | Plug-in |
| Cable Entry | Crimped |

Environmental Data

| | |
|---------------------|--------------------------------------|
| Temperature Range | -65°C to +165°C |
| Thermal Shock | MIL-STD-202, Method 107, Condition B |
| Corrosion | MIL-STD-202, Method 101, Condition B |
| Vibration | MIL-STD-202, Method 204, Condition B |
| Shock | MIL-STD-202, Method 213, Condition I |
| Moisture Resistance | MIL-STD-202, Method 106 |
| RoHS | compliant |

Suitable Cables

LMR-600, Rosnol RNL-600

Packing

Single or 100