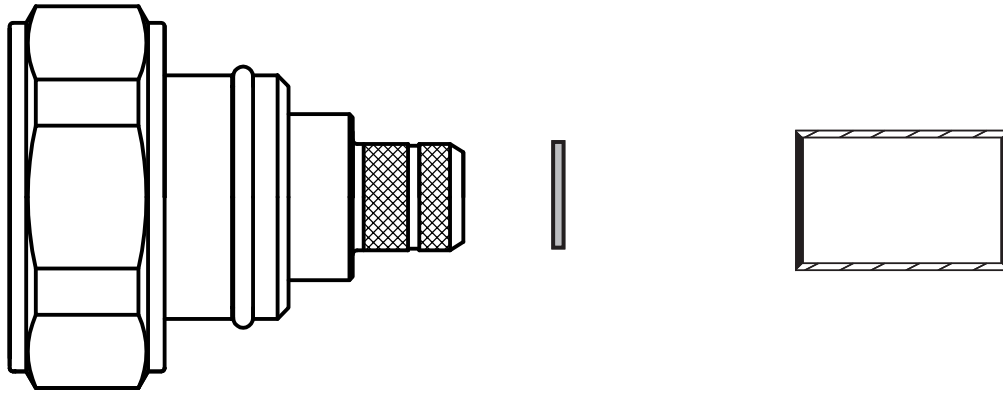


Technical Data sheet

Coaxial Connector
7/16"-(m) EZ-Connector - Crimp/Solderless

03.03.087



Site 1: 7/16"-male
Cable Types: FF400, LMR400, H2000, HF400, CNT400

Electrical characteristics

| | |
|--|---------------------------|
| Impedance | 50 Ω |
| FrequencyRange | DC - 7.5 GHz |
| VSWR | ≤ 1.2 (0-3 GHz) |
| Intermodulation (PIM) | ≤ -140 dBc (2x43dBm) |
| RF Leakage @ 1GHz | ≥ 128 dB |
| Dielectric withstanding voltage (at sea level) | 3000V |
| Working Voltage (at sea level) | 2700V |
| Insulation resistance | ≥ 5000 M Ω |

Mechanical characteristics

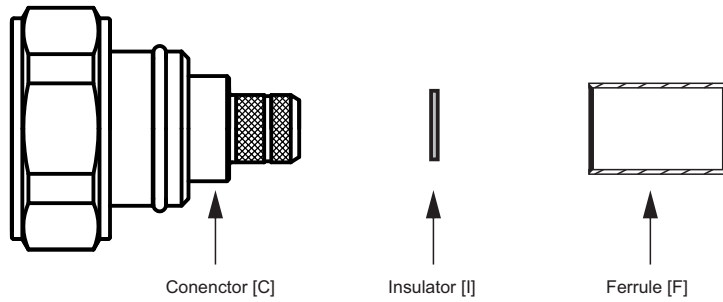
| | |
|-----------------------------------|-----------------|
| Coupling nut torque (recommended) | 25 Nm |
| Coupling nut retention force | 200 N |
| Durability (matings) | ≥ 500 |
| Temperature range | -55°C to +155°C |

| Type | Material | Plating |
|------------------|----------|------------------------|
| Center Conductor | Brass | Gold |
| Insulation | PTFE | - |
| Body | Brass | Ternary-Alloy (CuZnSn) |
| Gaskets | Silicone | - |

ASSEMBLY INSTRUCTION

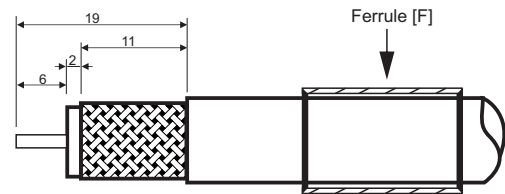
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STEP 1

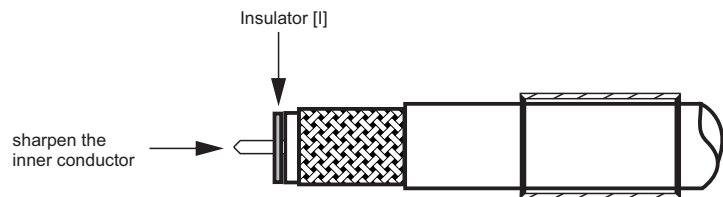
- Slide the ferrule over cable
- Strip as shown



ALL DIMENSIONS IN MILLIMETERS

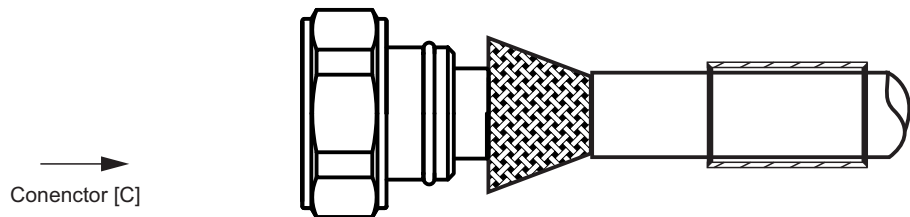
STEP 1

- Inner conductor needs to be absolutely straight and free of fin
- Slide the Insulator onto the inner conductor



STEP 1

- Flare out braid away from foil back to the jacket
- Slide the Connector onto the cable between foil and braid



STEP 1

- Slide the ferrule over cable
- Crimp with 10.9mm HEX

