



## FME FEMALE CRIMP CONNECTOR FOR RG 174 & LMR 100

### Electrical & Mechanical Specifications

|                                 |   |
|---------------------------------|---|
| Characteristics Impedance       | 50 ohm  |
| Frequency Range                 | DC-3GHz   |
| VSWR                            | 1.20:1  |
| Working Voltage                 | 500 Vrms  |
| Withstand Voltage               | 1000 Vrms                                       |
| Dielectric Withstanding Voltage | ≥2500V RMS,50Hz,at sea level                    |
| Working Voltage                 | 1000Vrms,50 Hz at sea level                     |
| Insulation Resistance           | ≥5000MΩ   |
| Contact Resistance              | Center Contact ≤ 1.0 mΩ<br>Outer Contact ≤ 5 mΩ |
| Durability                      | Mating cycles ≥500                              |

### Material & Plating

|                     | Material          | Plating |
|---------------------|-------------------|---------|
| Body                | Brass             | Ni      |
| Insulator           | PTFE              | -       |
| Pin/ Socket Contact | Brass / Beryllium | Au      |
| Ferrule             | Copper- Alloy     | Ni      |

### Environmental

|                   |                |
|-------------------|----------------|
| Temperature Range | -55°C ~ +155°C |
| RoHS              | Compliant Yes  |