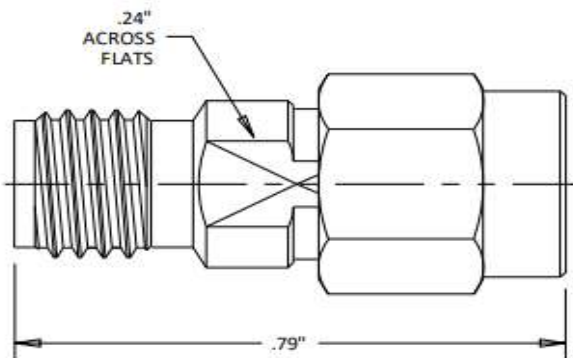




## 1.85 MALE TO SMA FEMALE ADAPTER

Part No. SRFS-185SMA MF/27

### Electrical & Mechanical Specifications

|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| Characteristics Impedance              | 50 ohm                                       |
| Frequency Range                        | DC-27 GHz                                    |
| VSWR                                   | 1.15 Max                                     |
| Working Voltage                        | 335V max                                     |
| Insertion Loss                         | ≤ 0.2 dB                                     |
| RF leakage                             | ≤ 70dB @ 18 GHz                              |
| Dielectric Withstanding Voltage        | ≤ 1000V RMS,50Hz,at sea level                |
| RF High Potential Withstanding Voltage | ≤ 500V RMS @ 5 MHz                           |
| Insulation Resistance                  | ≥5000M OHM                                   |
| Contact Resistance                     | Center Contact ≤ 3mΩ<br>Outer Contact ≤ 2 mΩ |
| Dielectric Resistance                  | ≥5000MΩ                                      |
| Durability                             | Mating cycles ≥500                           |

### Material & Plating

|                         | Material         | Plating     |
|-------------------------|------------------|-------------|
| Body                    | Stainless Steel  | Passivated  |
| Insulator               | PEI              | —           |
| Center Contact Material | Beryllium copper | Gold Plated |

### Environmental

|                    |                  |
|--------------------|------------------|
| Temperature Range  | - 55°C ~ +165 °C |
| Interface Standard | MIL- STD – 348A  |
| RoHS               | Compliant Yes    |