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## 7/16 DIN Female Connector for 1/4" SF Cable

| Electrical & Mechanical Specifications |  |           |
|--|--|-----------|
| Frequency Range                        | DC 7.5 GHz                                     |           |
| Characteristic Impedance               | 50 Ω   |           |
| VSWR                                   | ≤1.10@DC-3000MHz                               |           |
| Dielectric Withstanding Voltage        | 4000V rms,50Hz,at sea level                    |           |
| Insertion Loss                         | ≤0.10dB@2200MHz                                |           |
| Intermodulation 3rd                    | ≤ -157dBc@2×20W                                |           |
| Working Voltage                        | 2700V RMS,50Hz,at sea level                    |           |
| Contact Resistance                     | Center Contact ≤0.4mΩ<br>Outer Contact ≤ 1.0mΩ |           |
| Durability                             | Mating cycle ≥500                              |           |
| Material & Plating                     |  |           |
|  | Material                                       | Plating   |
| Body                                   | Brass  | Tri-alloy |
| Insulator                              | PTFE   | -         |
| Center Conductor                       | Phosphor Bronze                                | Ag        |
| Environmental                          |  |           |
| Temperature Range                      | -40°C~+85°C                                    |           |
| RoHS                                   | Compliant Yes                                  |           |