

MMCX Series

Electrical:

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|---------------------------------|--|
| Impedance | 50 ohm |
| Frequency Range | 0 to 6 GHZ |
| Working Voltage | 170 Vrms max. |
| Insulator resistance | 500 Megohms min. |
| Dielectric withstanding Voltage | Voltage 500 volts rms min. |
| Contact resistance | Center contact: 10.0 milliohms max. Outer contact: 5.0 milliohms max. |
| VSWR | Straight connector: 1.25 max R/A connector: 1.35 max. |

Mechanical & Environmental

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|------------------------|---|
| Mechanical Data | Detail |
| Engagement force | 3.4 lbs max |
| Disengagement force | 1.4 lbs - 3.4 lbs |
| Connector durability | 500 matings |
| Cable retention force | RG178: 7.3 lbs min RG316: 12.1 lbs min |
| Corrosion (Salt spray) | MIL-STD-202F, Method 101D, Condition A |
| Thermal shock | MIL-STD-202F, Method 1017G, Condition A |
| Vibration | MIL-STD-202F, Method 204D, Condition A |
| Mechanical Shock | MIL-STD-202F, Method 213B, Condition A |

Material:

| | Material | Plating |
|----------------|--|----------------|
| Bodies | Brass | Gold or Nickel |
| Center Contact | Male: Brass Gold Female: Beryllium-copper | Gold Gold |
| Insulation | Teflon | - |
| Crimp Ferrule | Annealed Copper | Same as Body |