

**7-16 Din Male for Standard 3/8" Cable**
**Electrical Specifications**

Impedance	50 Ω
Frequency Range	DC ~ 3 GHz
Return Loss	≤-30 dB (2 GHz)
PIM 3rd Order	≤-160 dBc (2 x 43 dBm) (all Cellular Bands)
Insertion Loss	≤ 0.05 (dB)
Working Voltage	2700 V (50 Hz AC)
Withstand Voltage	4000 V (50 Hz AC)
Outer Contact Resistance	< 0.2 MΩ
Inner Contact Resistance	<0.8 MΩ
Insulation Resistance	≥10000 MΩ

**Mechanical Specifications**

Insertion Force	200.17 N
Connector Retention Torque	2.7 N-m
Connector Retention Tensile Force	890 N
Water Resistance	IP67
Operating Temperature	-65 ~ +165 °C

**Material & Plating**

Inner Conductor	QSn6.5-0.1, Silver Plated
Outer Conductor	HPb59-1, Trimental Plating(Copper-Tin-Zin)
Insulation	PTEE
Gasket	Silicon Rubber

