

7-16 Din Male for Standard 1/4" Cable
Electrical Specifications

Impedance	50 ± 5 Ω
Frequency Range	DC ~ 3 GHz
VSWR	≤ 1.10 (0.8 ~ 2.2GHz)
	≤ 1.12 (DC ~ 3GHz)
Return Loss	≥ 28 dB (0.8 ~ 2.2GHz)
	≥ 21 dB (2.2 ~ 3GHz)
PIM 3rd Order	≤ -155 dBc (2 x 43 dBm) (all Cellular Bands)
Insertion Loss	≤ 0.05 dB (0.8 ~ 1 GHz)
	≤ 0.08 dB (1 ~ 2.2 GHz)
	≤ 0.15 dB (2.2 ~ 3 GHz)
Working Voltage	2700 V (50 Hz AC)
Withstand Voltage	4000 V (50 Hz AC)
Outer Contact Resistance	< 1.5 MΩ
Inner Contact Resistance	< 1.5 MΩ
Insulation Resistance	≥ 5000 MΩ

Mechanical Specifications

Assembly Attachment Durability	≥ 50 Cycles
Interface Durability	≥ 500 Cycles
Center Contact Captivation	≥ 30 N
Connector Retention Torque	1.4 N-m
Connector Retention Tensile Force	450 N
Water Resistance	IP68
Operating Temperature	-55 ~ +80 °C

Material & Plating

Inner Conductor	Phosphor Bronze, Silver Plated
Outer Conductor	HPb59-1, Trivalent Plated
Insulation	PTFE
Gasket	Silicon Rubber

