



7/16 (DIN) - N Type

Specifications

Environmental Conditions

Temperature Range	-40 to + 85 Degrees Celcius
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Electrical Characteristics

Characteristic Impedance	50 Ohms
Passive Intermodulation	Better than -155 dBc(note1)
Working Voltage	2700 V rms
Frequency Range	DC - 7.5 GHz
Dielectric Withstanding Voltage	4000 V rms
Contact Resistance	Centre Contact <0.4 mOhms Outer Contact <1.5 mOhms
Insulation Resistance	> 10,000 M Ohms
VSWR	< 1.30

Mechanical Characteristics

Durability	500 Cycles
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Materials and Plating

Body (Note2)	Brass, Silver or CuSnZn Plating
Male Centre Connector	Brass, Silver Plated
Female Centre Connector	Phosphor Bronze, Silver Plated
Insulators	PTFE
Gaskets	Silicone Rubber
Crimp Ferrules	Copper Alloy, Silver Plated

(Note1) Tested at 2x43 dBm Carriers

(Note2) Silver or CuSnZn Plating with both meet PIM Performance

Part Numbering

Adaptor Type	Part Number
7/16 Male - N Male	7-16M-NM-155
7/16 Male - N Female	7-16M-NF-155
7/16 Female - N Male	7-16F-NM-155
7/16 Female - N Female	7-16F-NF-155

