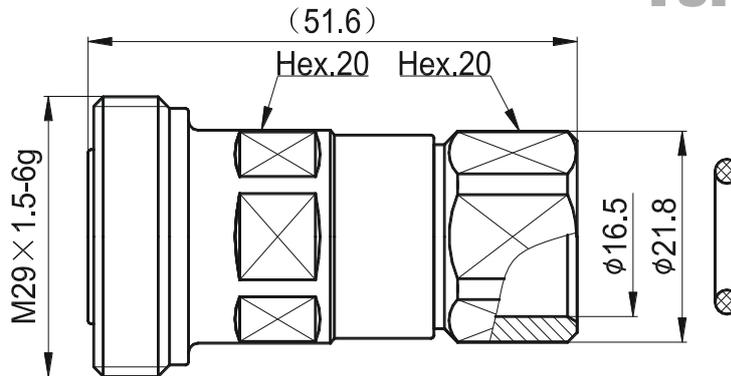




# Product Specification

## 7/16 Female Connector For 1/2" LCF Cable

**08-HE1A21L4**



### Description

7/16 Straight Female Connector for 1/2" Flexible RF Cable

### Material and Plating

Inner Conductor Pin	Brass / Silver Plating
Inner Conductor Socket	Tin Bronze / Silver Plating
Insulator	PTFE / TPX
Body and Outer Conductor	Brass / Tri-Metal Plating
Gasket	Silicon Rubber

### Electrical Characteristics

Characteristics Impedance	50ohm
Frequency Range	DC~12GHz
Insulation Resistance	≥ 5000MΩ
Dielectric Withstanding Voltage	4000V rms
Operating Voltage	2500V rms
Centre Contact Resistance	≤ 0.4mΩ
Outer Contact Resistance	≤ 0.2mΩ
Insertion Loss @DC-2.7GHz	≤ 0.10dB
VSWR @0.8-1.0GHz	≤ 1.08
@1.7-2.7GHz	≤ 1.10
PIM3 (2*20w)	≤ -155dBc

### Environmental and Mechanical Specifications

Durability	≥ 500 Cycles
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Vibration Test Method	MIL-STD-202, Method 204, Test Condition A
Temperature Range	-45°C to +85°C
RoHS	Compliant
Sealing Class	IP68 24hr, 1m, 20°C



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