
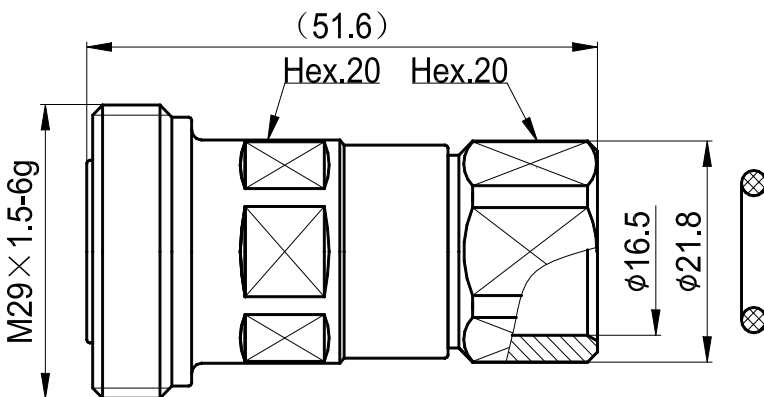
	TECHNICAL SPECIFICATION		HXQJCG0008
	7/16F-1/2"L		Rev:A/0
1. Figure			
			
2. Product Description			
7/16F-1/2"L		7/16 Straight Female Connector for 1/2" Flexible RF Cable	
3. Material and Plating			
Inner Conductor Pin		Brass / Silver Plating	
Inner Conductor Socket		Tin Bronze / Silver Plating	
Insulator		PTFE/TPX	
Body & Outer Conductor		Brass / Trimetal Plating	
Gasket		Silicon Rubber	
Nut		—	
4. Electrical Characteristics			
Characteristics Impedance		50 Ohm	
Frequency Range		DC~7.5GHz	
Insulation Resistance		≥10000MΩ	
Dielectric Withstanding Voltage		4000V rms	
Operating Voltage		2700V rms	
Center contact resistance		≤0.40 mΩ	
Outer contact resistance		≤0.20 mΩ	
Insertion Loss @DC-2.7 GHz		≤0.10dB	
VSWR @0.8-1.0 GHz		≤1.08	
@1.7-2.7 GHz		≤1.10	
PIM3		≤-155dBc	
5. Environmental and Mechanical Specifications			
Durability (matings)		≥500 cycles	
Mechanical Shock Test Method		MIL-STD-202, Method 213, Test Condition D	
Vibration Test Method		MIL-STD-202, Meth. 204, Cond. A	
Temperature Range		-65°C to +85°C	
RoHS		Compliant	
Sealing Class		IP68	

The facts and figures contained herein are carefully complied to the best of our knowledge, but they are intended for general informational purposes only.

**Maahantuoja / Imported by: Orbis Oy, [www.orbis.fi](http://www.orbis.fi)**  
**Tuotekoodi / Product code: 3000558**