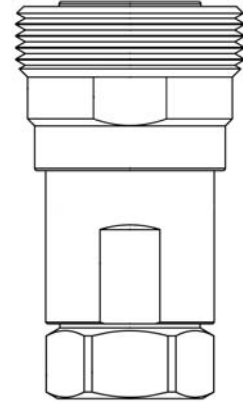


This model was previously released
as AAC-12HF-DF-F

AC-12HF-DF-F

7/16-DIN Female Connector for 1/2" Superflexible Coaxial Cable

Electrical Characteristics			
Frequency Range		DC-3 GHz	
VSWR		≤ 1.10	
Insertion Loss		≤ 0.05 dB	
Intermodulation (2x43 dBm)		≤ -160 dBc	
Insulation Resistance		≥ 10,000 mΩ	
Proof Voltage		3000 V	
Conductor Resistance	Outer Conductor	< 0.2 mΩ	
	Inner Conductor	< 0.8 mΩ	
Impedance		50Ω	
Environmental Characteristics			
Temperature Range		-40° C to +85° C (-40° F to +185° F)	
Weather Standard		IEC 60068 40 / 085 / 21	
Waterproofing Standard		IP68	
Thermal Shock		US MIL-STD 202, Method 107, Condition B	
Vibration		US MIL-STD 202, Method 204, Condition B	
Shock		US MIL-STD 202, Method 213, Condition I	
RoHS Compliant		Yes	
Mechanical Characteristics			
Retention		≥ 5.88 N	
Mechanical Wear (hypo-)		500	
Tensile Force (Cable-Connect)		500 N	
Torsion (Cable-Connect)		4 N·m	
Material Characteristics		Material	Plating
Conductor	Inner	Spring Copper	Ag 5μm
	Outer	Brass	Copper-Tin-Zinc 2μm
Nut		Brass	Ni 5μm
Gasket		Silicone Rubber	---
Insulator		TPX	---



Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.