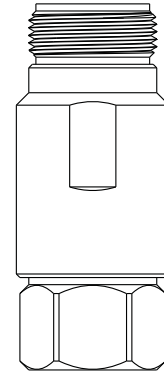


AC-12HF-NF-MM

N-Type Female Connector for 1/2" Superflexible Coaxial Cable

Electrical Characteristics			
Frequency Range		DC-3 GHz	
VSWR (max)		≤ 1.10	
Insertion Loss (max)		≤ 0.5 dB	
IM3 (2x43 dBm Carriers)		≤ -160 dBc	
Dielectric Resistance		> 5000 MΩ	
Work Voltage		1400 V	
Conductor Resistance (max)	Outer Conductor	< 0.4 MΩ	
	Inner Conductor	< 0.8 MΩ	
Impedance		50Ω	
Environmental Characteristics			
Temperature Range		-45° C to +85° C (-49° F to +185° F)	
Waterproofing Standard		IP68	
Weather Standard		IEC 60068 45 / 085 / 21	
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		≥ 0.56 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
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.