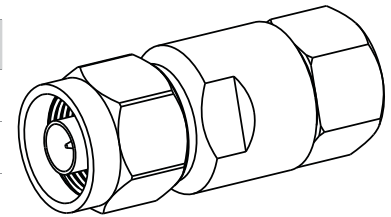


## AAC-12HF-NM-MM

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



Electrical Characteristics			
Frequency Range		DC-3 GHz	
VSWR (max)		1.15	
Insertion Loss (max)		0.10 dB	
IM3 (2x43 dBm Carriers)		≤ -155 dBc	
Dielectric Resistance		5000 MΩ	
Proof Voltage		2500 VRMS	
Conductor Resistance (max)	Outer Conductor	< 1.0 MΩ	
	Inner Conductor	< 1.0 MΩ	
Impedance		50Ω	
Environmental Characteristics			
Temperature Range		-40° C to +85° C (-40° F to +185° F)	
Waterproofing Standard		IP67	
Weather Standard		IEC 60068 45 / 85 / 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			
Nut Torque		5 N·m	
Whorl Pull (Nut)		500 N	
Tensile Force (Cable-Connect)		500 N	
Torsion (Cable-Connect)		4 N·m	
Durability (min)		500 Cycles	
Material Characteristics		Material	Plating
Conductor	Inner	Brass / Phosphor Bronze	Ag 5μm
	Outer	Brass	Copper-Tin-Zinc 3μm
Nut		Brass	Ni 3μm
Gasket		Silicone Rubber, Red	---
Insulator		PTFE, Natural	---

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.