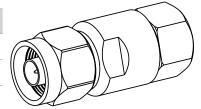


AAC-12HF-NM-MM

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 Impedance 50Ω Environmental Characteristics Temperature Range 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 No N Nut Torque 5 N·m Whord Pull (Nut) 500 N Torsion (Cable-Connect) 4 N·m Durability (min) 500 Cycles Material Characteristics Material Plating Conductor Brass Copper-Tin-Zic 3					
VSWR (max)	Electrical Characteristic	cs			
Insertion Loss (max)	Frequency Range		DC-3 GHz		
IM3 (2x43 dBm Carriers)	VSWR (max)		1.15		
Dielectric Resistance 5000 MΩ 2500 VRMS 2500	Insertion Loss (max)		0.10 dB		
Proof Voltage	IM3 (2x43 dBm Carriers)		≤ -155 dBc		
Conductor Resistance (max) Outer 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) 4 N·m Durability (min) 500 Cycles Material Characteristics Material Plating Conductor Brass / Phosphor Bronze Ag 5µm Conductor Outer Brass Copper-Tin-Zic 3µm Nut Brass Ni 3µm Gasket Silicone Rubber, Red	Dielectric Resistance		5000 ΜΩ		
Conductor Resistance (max) Inner Conductor < 1.0 MΩ	Proof Voltage		2500 VRMS		
Inner Conductor Impedance 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) Torsion (Cable-Connect) Material Characteristics Material Characteristics Material Characteristics Material Plating Inner Brass / Phosphor Bronze Ag 5μm Conductor Outer Brass Ni 3μm Gasket Silicone Rubber, Red		Outer Conductor	< 1.0 MΩ		
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) Tensile Force (Cable-Connect) Torsion (Cable-Connect) Durability (min) Material Characteristics Material Plating Conductor United Brass / Phosphor Bronze Ag 5 µm Conductor Outer Brass Ni 3 µm Gasket Silicone Rubber, Red		Inner Conductor	< 1.0 MΩ		
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) 5 N·m Durability (min) 500 Cycles Material Characteristics Material Plating Conductor Outer Brass / Phosphor Bronze Ag 5μm Conductor Outer Brass Ni 3μm Gasket Silicone Rubber, Red	Impedance		50Ω		
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 Whorl Pull (Nut) 500 N Tensile Force (Cable-Connect) 4 N·m Durability (min) 500 Cycles Material Characteristics Material Plating Conductor Brass / Phosphor Bronze Ag 5μm Conductor Outer Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	Environmental Charact	eristics			
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 Brass / Phosphor Bronze Ag 5µm Conductor Outer Brass Copper-Tin-Zic 3µm Nut Brass Ni 3µm Gasket Silicone Rubber, Red	Temperature Range		-40° C to +85° C (-40° F to +185° F)		
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) Torsion (Cable-Connect) 4 N·m Durability (min) S00 Cycles Material Characteristics Material Plating Conductor Unter Brass / Phosphor Bronze Ag 5µm Copper-Tin-Zic 3µm Nut Brass Ni 3µm Gasket Silicone Rubber, Red	Waterproofing Standard		IP67		
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) Torsion (Cable-Connect) 4 N·m Durability (min) Sou Cycles Material Characteristics Material Plating Conductor Under Brass / Phosphor Bronze Ag 5µm Outer Brass Ni 3µm Gasket Silicone Rubber, Red	Weather Standard		IEC 60068 45 / 85 / 21		
Shock RoHS Compliant Yes Mechanical Characteristics Nut Torque 5 N·m Whorl Pull (Nut) Tensile Force (Cable-Connect) Torsion (Cable-Connect) Durability (min) Material Characteristics Material Characteristics Material Plating Conductor Durab Proper Ag 5 µm Conductor Outer Brass Copper-Tin-Zic 3 µm Nut Brass Silicone Rubber, Red	Thermal Shock		US MIL-STD 202, Method 107, Condition B		
RoHS Compliant Yes	Vibration		US MIL-STD 202, Method 204, Condition B		
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 Brass / Phosphor Bronze Ag 5μm Conductor Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	Shock		US MIL-STD 202, Method 213, Condition I		
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 Brass / Phosphor Bronze Ag 5μm Conductor Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	RoHS Compliant		Yes		
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 Brass / Phosphor Bronze Ag 5μm Conductor Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	Mechanical Characteris	stics			
Tensile Force (Cable-Connect) 500 N Torsion (Cable-Connect) 4 N·m Durability (min) 500 Cycles Material Characteristics Material Plating Conductor Brass / Phosphor Bronze Ag 5μm Conductor Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	Nut Torque		5 N·m		
Torsion (Cable-Connect)	Whorl Pull (Nut)		500 N		
Durability (min) 500 Cycles Material Characteristics Material Plating Conductor Inner Brass / Phosphor Bronze Ag 5μm Conductor Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	Tensile Force (Cable-Connect)		500 N		
Material Characteristics Material Plating Conductor Inner Brass / Phosphor Bronze Ag 5μm Outer Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	Torsion (Cable-Connect)		4 N·m		
Conductor Inner Brass / Phosphor Bronze Ag 5μm Outer Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	Durability (min)		500 Cycles		
Conductor Outer Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	Material Characteristics		Material	Plating	
Outer Brass Copper-Tin-Zic 3μm Nut Brass Ni 3μm Gasket Silicone Rubber, Red	Conductor	Inner	Brass / Phosphor Bronze	Ag 5µm	
Gasket Silicone Rubber, Red		Outer	Brass	Copper-Tin-Zic 3µm	
	Nut		Brass	Ni 3µm	
Insulator PTFE, Natural	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.