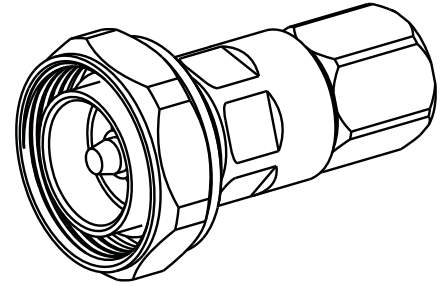


This model was previously released as AAC-12ST-DM-MM

AC-12ST-DM-MM

7/16-DIN Male Connector for 1/2" Standard Coaxial Cable



General Characteristics		
Interface	7/16-DIN Male	
Body Style	Straight	
Cable Size	1/2"	
Cable Type	Standard Feeder	
Electrical Characteristics		
Operating Frequency Range	DC-3 GHz	
Impedance	50Ω	
Insertion Loss (max)	0.05 dB	
VSWR (max)	1.10	
PIM (2x43 dBm)	-160 dBc	
Contact Resistance (max)	Inner Conductor	0.8 mΩ
	Outer Conductor	0.2 mΩ
Insulation Resistance (minimum)	10,000 mΩ	
Proof Voltage	4000 V	
Environmental Characteristics		
Temperature Range	-40° C to +85° C	
Weather Standard	IEC 60068 40 / 85 / 21	
Thermal Shock Test Method	US MIL-STD-202, Method 107, Condition B	
Mechanical Shock Test Method	US MIL-STD-202, Method 213, Condition I	
Vibration Test Method	US MIL-STD-202, Method 204, Condition B	
Waterproofing Standard	IP68	
RoHS Compliant	yes	
Mechanical Characteristics		
Nut Torque	25 N·m	
Whorl Pull (nut)	1000 N	
Tensile Force (cable-connect)	500 N	
Torsion (cable-connect)	5 N·m	
Material Characteristics	Material	Plating
Inner Conductor	Spring Copper	Silver
Connector Head	Brass	Trimetal Alloy
Nut	Brass	Nickel
Gasket	Silicone Rubber	---
Insulator	TPX / PTFE	---

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.