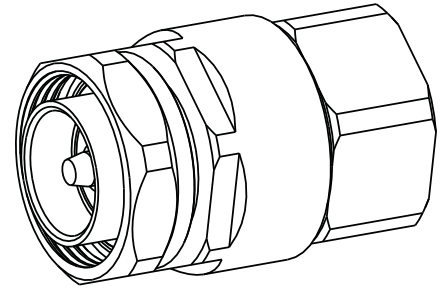


This model was previously released as AAC-78ST-DM-MM

AC-78ST-DM-MM

7/16-DIN Male Connector for 7/8" Standard Coaxial Cable



General Characteristics		
Interface	7/16-DIN Male	
Body Style	Straight	
Cable Size	7/8"	
Cable Type	Standard Coaxial Cable	
Electrical Characteristics		
Operating Frequency Range	DC-3 GHz	
Impedance	50Ω	
VSWR (max)	1.10	
Insertion Loss (2 GHz; max)	0.05 dB	
PIM (max; 900 MHz, 1800 MHz)	-112 dBm	
Contact Resistance	Inner Conductor	0.8 mΩ
	Outer Conductor	0.2 mΩ
Insulation Resistance	10,000 mΩ	
Work Voltage	2700 V	
Mechanical Characteristics		
Nut Torque	25 N·m	
Whorl Pull (Nut)	1000 N	
Tensile Force (Cable Connect)	500 N	
Torsion (Cable Connect)	5 N·m	
Environmental Characteristics		
Operating Temperature	-40° to +85° C	
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	
Weather Standard	IEC 68 40 / 085 / 21	
Waterproofing Standard	IP68	
RoHS Compliant	Yes	
Material Characteristics		
	Material	Plating
Connector Head	Brass	Copper-Tin-Zinc 2μm
Connector Back	Brass	Ni 5μm
Inner Conductor	Brass	Ag 3μm
O-Ring	Silicone Rubber	---
Insulation	TPX	---
Nut	Brass	Ni 5μm

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.