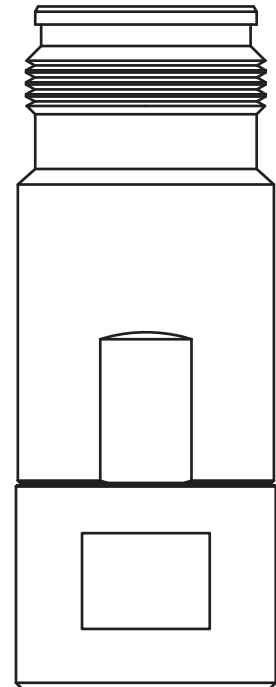


This model was previously released
as AAC-12ST-43SF-F

AC-12ST-4SF-F

4.3/10 Female Screw Connector for 1/2" Standard Coaxial Cable

Electrical Characteristics			
Frequency Range		DC-3.8 GHz	
Return Loss		≤ -30 dB	
Insertion Loss		≤ 0.05 dB	
Intermodulation (2x43 dBm)		≤ -166 dBc	
Insulation Resistance		≥ 5000 mΩ	
Work Voltage		2500 V	
Conductor Resistance	Outer Conductor	< 0.1 mΩ	
	Inner Conductor	< 1.0 mΩ	
Impedance		50Ω	
Environmental Characteristics			
Temperature Range		-40° C to +85° C (-40° F to +185° F)	
Weather Standard		IEC 60068 40 / 085 / 21	
Waterproofing Standard		IP68	
Thermal Shock		IEC 60068-2-14-Na	
Vibration		IEC 60068-2-6-Fc	
Shock		IEC 60068-2-27	
RoHS Compliant		Yes	
Mechanical Characteristics			
Retention	Outer Conductor	≥ 4 N	
	Inner Conductor	≥ 1.5 N	
Mating Cycles		100	
Axial Force		30 N	
Tensile Force (Cable-Connect)		500 N	
Torsion (Cable-Connect)		5 Nm	
Material Characteristics		Material	Plating
Conductor	Inner	Spring Copper	Ag5μm
	Outer	Brass	Copper-Tin-Zinc 2μm
Insulator		TPX	---
Gasket		Silicone Rubber	---



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.