

## AAC-38HF-43SM-F

### 4.3/10 Male Screw Connector for 3/8" Superflexible Coaxial Cable

Electrical Characteristics		
Frequency Range		DC-3.8 GHz
Return Loss		$\geq 30$ dB
Insertion Loss		$\leq 0.05$ dB
Intermodulation (2x43 dBm)		$\leq -166$ dBc
Insulation Resistance		$\geq 5000$ m $\Omega$
Work Voltage		2500 V
Conductor Resistance	Outer Conductor	$< 0.1$ m $\Omega$
	Inner Conductor	$< 1.0$ m $\Omega$
Impedance		50 $\Omega$
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		
Whorl Pull (Nut)		500 N
Nut Torque		5 Nm
Tensile Force (Cable-Connect)		300 N
Torsion (Cable-Connect)		3 Nm

