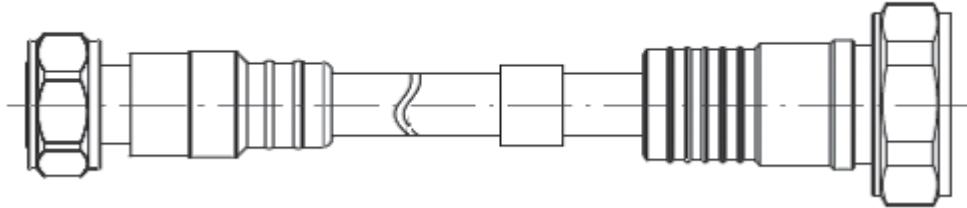


## AAS-38HF-43SMDM-xM

4.3/10 Male Screw to 7/16 DIN Male, 3/8" Superflexible Cable



Ordering Options	
When ordering, replace the "x" in the model number with the length of cable in meters. See examples below.	
1.0 Meter cable length	AAS-38HF-43SMDM-1.0M
2.5 Meter cable length	AAS-38HF-43SMDM-2.5M
5.0 Meter cable length	AAS-38HF-43SMDM-5.0M
Electrical Characteristics	
Frequency Range	DC-3.8 GHz
VSWR	≤ 1.1
Insertion Loss (2.2 GHz)	≤ 0.217L +0.2 dB
Intermodulation (3rd Order)	≤ -160 dBc
Insulation Resistance	≥ 5000 MΩ
Work Voltage	1000 V
Power Rating (2 GHz)	300 W
Impedance	50Ω
Environmental Characteristics	
Temperature Range	-40° C to +85° C (-40° F to +185° F)
Weather Standard	IEC 68 40 / 85 / 21
Weatherproofing Standard	IP68
Thermal Shock	IEC60068-2-14-Na
Vibration	IEC60068-2-6-Fc
Shock	IEC60068-2-27
RoHS Compliant	Yes
Mechanical Characteristics	
Molding	Over-Molding
Nut (Thread) Torque	25 Nm (7/16 DIN); 10 Nm (4.3/10)
Torsion (Cable Connect)	3 Nm
Tensile Force (Cable Connect)	300 N
Distance From Connector to First Bend	50 mm (2.0 in)
Distance Between Opposite Bends	50 mm (2.0 in)
Single Bend Radius	30 mm (1.2 in)
Minimum Bend Radius, Repeated Bend	25 mm (1.0 in)
Number of Bends (Minimum)	15
Durability	≥ 500 Cycles

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal 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 product may be made without notice.