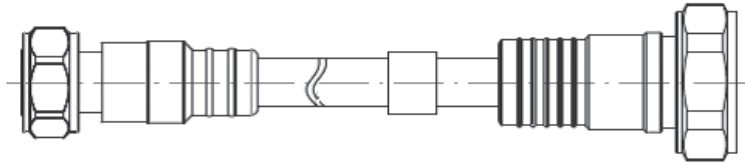


38HF4SMDMxxx

This model was previously released as AAS-38HF-43SMDM-xM

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



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)
Weatherproofing Standard	IP68
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

Ordering Options

When ordering, replace the "xxx" in the model number with the length of cable in meters.

Cable Length	Model Number
0.5 Meter cable length	38HF4SMDM005
1.0 Meter cable length	38HF4SMDM010
1.5 Meter cable length	38HF4SMDM015
2.0 Meter cable length	38HF4SMDM020
2.5 Meter cable length	38HF4SMDM025
3.0 Meter cable length	38HF4SMDM030
3.5 Meter cable length	38HF4SMDM035
4.0 Meter cable length	38HF4SMDM040
4.5 Meter cable length	38HF4SMDM045
5.0 Meter cable length	38HF4SMDM050

Cable Length	Model Number
5.5 Meter cable length	38HF4SMDM055
6.0 Meter cable length	38HF4SMDM060
6.5 Meter cable length	38HF4SMDM065
7.0 Meter cable length	38HF4SMDM070
7.5 Meter cable length	38HF4SMDM075
8.0 Meter cable length	38HF4SMDM080
8.5 Meter cable length	38HF4SMDM085
9.0 Meter cable length	38HF4SMDM090
9.5 Meter cable length	38HF4SMDM095
10.0 Meter cable length	38HF4SMDM100

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.