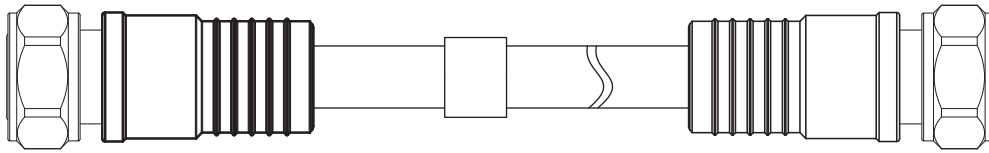


## 12HF4SM4SMxxx

This model was previously released as AAS-12HF-43SMSM-xM

### 4.3/10 Male Screw to 4.3/10 Male Screw, 1/2" Superflexible Cable



Electrical Characteristics	
Frequency Range	DC-8.8 GHz
VSWR	≤ 1.12
Insertion Loss (2.6 GHz)	≤ 0.193*L + 0.2 dB
Intermodulation (2x43dBm)	≤ -160 dBc
Insulation Resistance	≥ 5000 MΩ
Work Voltage (DC)	2000 V
Power Rating (at 2.6 GHz)	500 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	5 Nm
Torsion (Cable Connect)	4 Nm
Tensile Force (Cable Connect)	500 N
Minimum Bend Radius, Repeated Bend	32 mm (1.3 in)
Number of Bends (Minimum)	15

### 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	12HF4SM4SM005
1.0 Meter cable length	12HF4SM4SM010
1.5 Meter cable length	12HF4SM4SM015
2.0 Meter cable length	12HF4SM4SM020
2.5 Meter cable length	12HF4SM4SM025
3.0 Meter cable length	12HF4SM4SM030
3.5 Meter cable length	12HF4SM4SM035
4.0 Meter cable length	12HF4SM4SM040
4.5 Meter cable length	12HF4SM4SM045
5.0 Meter cable length	12HF4SM4SM050

Cable Length	Model Number
5.5 Meter cable length	12HF4SM4SM055
6.0 Meter cable length	12HF4SM4SM060
6.5 Meter cable length	12HF4SM4SM065
7.0 Meter cable length	12HF4SM4SM070
7.5 Meter cable length	12HF4SM4SM075
8.0 Meter cable length	12HF4SM4SM080
8.5 Meter cable length	12HF4SM4SM085
9.0 Meter cable length	12HF4SM4SM090
9.5 Meter cable length	12HF4SM4SM095
10.0 Meter cable length	12HF4SM4SM100

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.