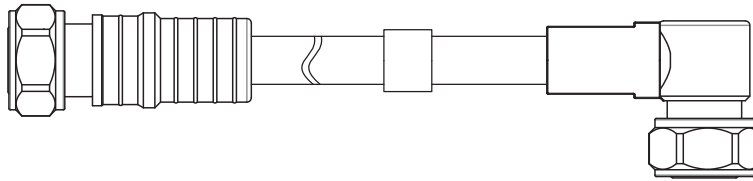


This model was previously released as AAS-12HF-43SMSMR-xM

12HF4SM4SMRxxx

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



Electrical Characteristics		
Frequency Range		DC-3.8 GHz
VSWR		≤ 1.12
Insertion Loss (2.7 GHz)		≤ 0.1945*L +0.2 dB
Intermodulation (2x43dBm)		≤ -160 dBc
Insulation Resistance		≥ 5000 MΩ
Work Voltage (DC)		1000 V
Screen Efficiency		≥ 110 dB
Power Rating (at 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	4.3/10 Male	Over-Molding
	4.3/10 Male Right Angle	Heat Shrink Tube
Nut (Thread) Torque		5 N·m
Torsion (Cable Connect)		4 N·m
Tensile Force (Cable Connect)		500 N
Minimum Bend Radius, Repeated Bend		32 mm
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	12HF4SM4SMR005
1.0 Meter cable length	12HF4SM4SMR010
1.5 Meter cable length	12HF4SM4SMR015
2.0 Meter cable length	12HF4SM4SMR020
2.5 Meter cable length	12HF4SM4SMR025
3.0 Meter cable length	12HF4SM4SMR030
3.5 Meter cable length	12HF4SM4SMR035
4.0 Meter cable length	12HF4SM4SMR040
4.5 Meter cable length	12HF4SM4SMR045
5.0 Meter cable length	12HF4SM4SMR050

Cable Length	Model Number
5.5 Meter cable length	12HF4SM4SMR055
6.0 Meter cable length	12HF4SM4SMR060
6.5 Meter cable length	12HF4SM4SMR065
7.0 Meter cable length	12HF4SM4SMR070
7.5 Meter cable length	12HF4SM4SMR075
8.0 Meter cable length	12HF4SM4SMR080
8.5 Meter cable length	12HF4SM4SMR085
9.0 Meter cable length	12HF4SM4SMR090
9.5 Meter cable length	12HF4SM4SMR095
10.0 Meter cable length	12HF4SM4SMR100

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.