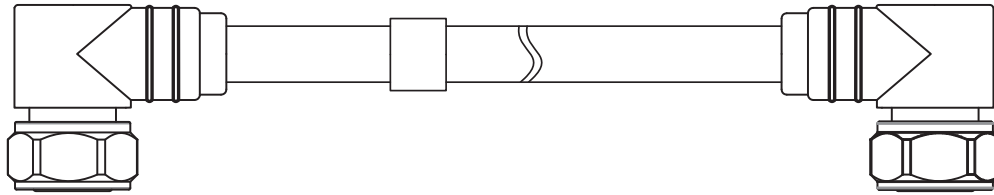


This model was previously released as AAS-12HF-43SMRSMR-xM

## 12HF4SMR4SMRxxx

### 4.3/10 Male Screw Right Angle 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	Over-Molding
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	12HF4SMR4SMR005
1.0 Meter cable length	12HF4SMR4SMR010
1.5 Meter cable length	12HF4SMR4SMR015
2.0 Meter cable length	12HF4SMR4SMR020
2.5 Meter cable length	12HF4SMR4SMR025
3.0 Meter cable length	12HF4SMR4SMR030
3.5 Meter cable length	12HF4SMR4SMR035
4.0 Meter cable length	12HF4SMR4SMR040
4.5 Meter cable length	12HF4SMR4SMR045
5.0 Meter cable length	12HF4SMR4SMR050

Cable Length	Model Number
5.5 Meter cable length	12HF4SMR4SMR055
6.0 Meter cable length	12HF4SMR4SMR060
6.5 Meter cable length	12HF4SMR4SMR065
7.0 Meter cable length	12HF4SMR4SMR070
7.5 Meter cable length	12HF4SMR4SMR075
8.0 Meter cable length	12HF4SMR4SMR080
8.5 Meter cable length	12HF4SMR4SMR085
9.0 Meter cable length	12HF4SMR4SMR090
9.5 Meter cable length	12HF4SMR4SMR095
10.0 Meter cable length	12HF4SMR4SMR100

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.