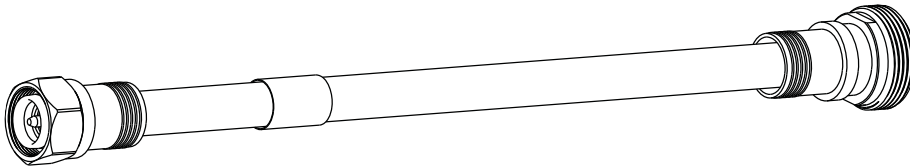


This model was previously released as AAS-12HF-43SMDf-xM

12HF4SMDfxxx

4.3/10 Male Screw to 7/16 DIN Female, 1/2" Superflexible Cable



Electrical Characteristics								
Frequency Range		DC-3 GHz						
Impedance		50Ω						
Return Loss (min)	0-2200 MHz	-26 dB						
	2200-2700 MHz	-24 dB						
IM3 (2x43 dBm) at 1800 MHz	Typical	-165 dBc						
	Standard	-160 dBc						
Insertion Loss (max)	Length	1.0 m	1.5 m	2.0 m	3.0 m	4.0 m	5.0 m	6.0 m
	at 2.7 GHz	0.36 dB	0.46 dB	0.56 dB	0.77 dB	0.97 dB	1.18 dB	1.38 dB
Environmental Characteristics								
Operating & Storage Temperature Range		-40° C to +85° C (-40° F to +185° F)						
RoHS Compliant		Yes						
Mechanical Characteristics								
Interface Durability (min)	4.3-10	100 Cycles						
	7/16-DIN	500 Cycles						
Nut Torque	4.3-10	5.0 Nm						
Tensile Force (Cable Connect)		500 N						
Material Characteristics		Material			Plating			
4.3-10 Male, Straight		Brass			White Bronze			
7/16-DIN Female, Straight		Brass			White Bronze			
Cable		1/2" SFC Black PE			---			

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	12HF4SMDf005
1.0 Meter cable length	12HF4SMDf010
1.5 Meter cable length	12HF4SMDf015
2.0 Meter cable length	12HF4SMDf020
2.5 Meter cable length	12HF4SMDf025
3.0 Meter cable length	12HF4SMDf030
3.5 Meter cable length	12HF4SMDf035
4.0 Meter cable length	12HF4SMDf040
4.5 Meter cable length	12HF4SMDf045
5.0 Meter cable length	12HF4SMDf050

Cable Length	Model Number
5.5 Meter cable length	12HF4SMDf055
6.0 Meter cable length	12HF4SMDf060
6.5 Meter cable length	12HF4SMDf065
7.0 Meter cable length	12HF4SMDf070
7.5 Meter cable length	12HF4SMDf075
8.0 Meter cable length	12HF4SMDf080
8.5 Meter cable length	12HF4SMDf085
9.0 Meter cable length	12HF4SMDf090
9.5 Meter cable length	12HF4SMDf095
10.0 Meter cable length	12HF4SMDf100

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.