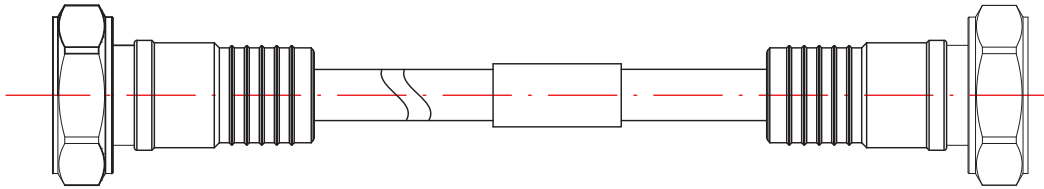


This model was previously released as AAS-12PHF-DMDM-xM

## 12HFVDMDMxxx

7/16 DIN Male to 7/16 DIN Male, 1/2" Superflexible Cable, with Improved VSWR



Electrical Characteristics	
Frequency Range	DC-3.8 GHz
VSWR	≤ 1.06
Insertion Loss (2.7 GHz)	≤ 0.1945*L + 0.2 dB
Intermodulation (2x43dBm)	≤ -160 dBc
Insulation Resistance	≥ 5000 MΩ
Work Voltage	1000 V
Screen Efficiency	≥ 110
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	7/16-DIN Male 25 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	12HFVDMDM005
1.0 Meter cable length	12HFVDMDM010
1.5 Meter cable length	12HFVDMDM015
2.0 Meter cable length	12HFVDMDM020
2.5 Meter cable length	12HFVDMDM025
3.0 Meter cable length	12HFVDMDM030
3.5 Meter cable length	12HFVDMDM035
4.0 Meter cable length	12HFVDMDM040
4.5 Meter cable length	12HFVDMDM045
5.0 Meter cable length	12HFVDMDM050

Cable Length	Model Number
5.5 Meter cable length	12HFVDMDM055
6.0 Meter cable length	12HFVDMDM060
6.5 Meter cable length	12HFVDMDM065
7.0 Meter cable length	12HFVDMDM070
7.5 Meter cable length	12HFVDMDM075
8.0 Meter cable length	12HFVDMDM080
8.5 Meter cable length	12HFVDMDM085
9.0 Meter cable length	12HFVDMDM090
9.5 Meter cable length	12HFVDMDM095
10.0 Meter cable length	12HFVDMDM100

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.