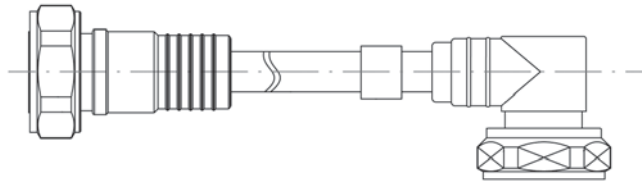


This model was previously released as AAS-38HF-DMDMR-xM

## 38HFDMDMR<sub>xxx</sub>

7/16-DIN Male to 7/16-DIN Male Right Angle, 3/8" Superflexible Cable



Electrical Characteristics			
Frequency Range	0.6-2.7 GHz		
VSWR	≤ 1.12		
Insertion Loss (2.2 GHz)	≤ 0.217L + 0.2 dB		
Intermodulation (3rd Order - 2x43 dBm)	≤ -160 dBc (1800 MHz)		
Insulation Resistance	≥ 1000 MΩ		
Screen Efficiency	≥ 110 dB		
Work Voltage	1000 V		
Power Rating (2 GHz)	300 W		
Impedance	50Ω		
Environmental Characteristics			
Temperature Range	-40° C to +85° C (-40° F to +185° F)		
Waterproofing Standard	IP67		
RoHS Compliant	Yes		
Mechanical Characteristics			
Molding	Over-Molding		
Nut Torque	25 Nm		
Torsion (Cable Connect)	3 Nm		
Tensile Force (Cable Connect)	300 N		
Minimum Bend Radius	25 mm (1.0 in)		
Number of Bends (Minimum)	15		
Durability	≥ 500 Cycles		
Material and Plating		Material	Plating
7/16-DIN	Outer Conductor	Brass	Copper-Tin-Zinc 2 μm
	Inner Conductor	Brass	Ag 5 μm
7/16-DIN Right Angle	Outer Conductor	Brass	Copper-Tin-Zinc 2 μm
	Inner Conductor	Spring Copper	Ag 5 μm

### 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	38HFDMDMR005
1.0 Meter cable length	38HFDMDMR010
1.5 Meter cable length	38HFDMDMR015
2.0 Meter cable length	38HFDMDMR020
2.5 Meter cable length	38HFDMDMR025
3.0 Meter cable length	38HFDMDMR030
3.5 Meter cable length	38HFDMDMR035
4.0 Meter cable length	38HFDMDMR040
4.5 Meter cable length	38HFDMDMR045
5.0 Meter cable length	38HFDMDMR050

Cable Length	Model Number
5.5 Meter cable length	38HFDMDMR055
6.0 Meter cable length	38HFDMDMR060
6.5 Meter cable length	38HFDMDMR065
7.0 Meter cable length	38HFDMDMR070
7.5 Meter cable length	38HFDMDMR075
8.0 Meter cable length	38HFDMDMR080
8.5 Meter cable length	38HFDMDMR085
9.0 Meter cable length	38HFDMDMR090
9.5 Meter cable length	38HFDMDMR095
10.0 Meter cable length	38HFDMDMR100

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal 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 product may be made without notice.