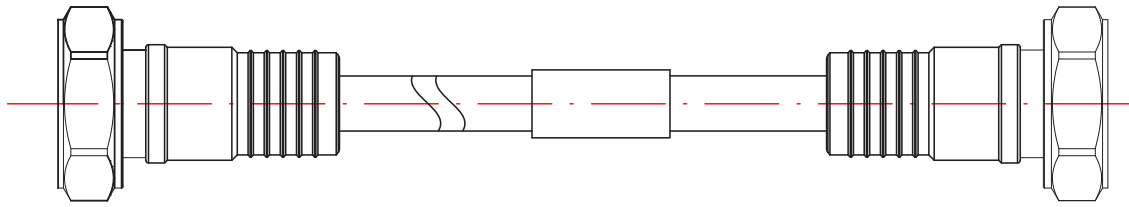


AAS-12HF-DMDM-xM

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



Ordering Options

When ordering, replace the "x" in the model number with the length of cable in meters. See examples below.

1.0 Meter cable length	AAS-12HF-DMDM-1.0M
2.5 Meter cable length	AAS-12HF-DMDM-2.5M
5.0 Meter cable length	AAS-12HF-DMDM-5.0M

Electrical Characteristics

Frequency Range	DC-3.8 GHz
VSWR	≤ 1.12
Insertion Loss (2.7 GHz)	$\leq 0.1945 \cdot L + 0.2$ dB
Intermodulation (2x43dBm)	≤ -160 dBc
Insulation Resistance	≥ 5000 M Ω
Work Voltage	1000 V
Screen Efficiency	≥ 110
Power Rating (at 2 GHz)	300 W
Impedance	50 Ω

Environmental Characteristics

Temperature Range	-40° C to +85° C (-40° F to +185° F)
Weather Standard	IEC 68 40 / 85 / 21
Weatherproofing Standard	IP68
Thermal Shock	IEC60068-2-14-Na
Vibration	IEC60068-2-6-Fc
Shock	IEC60068-2-27
RoHS Compliant	Yes
Reference Standard	7/16-DIN Male
	IEC61169-4

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

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.