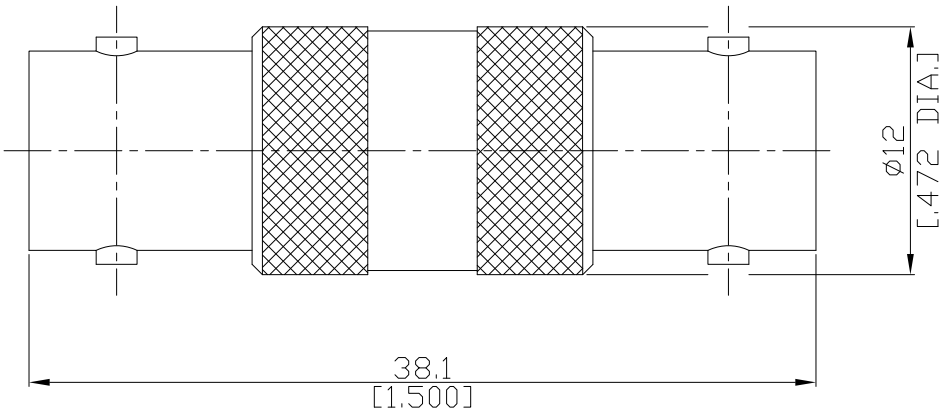
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

MHV jack (female) / MHV jack (female) Adaptors Straight DC-300MHz

AD-MV2MV25A / H4-H4



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to	MIL-STD-348A/303

Electrical Data

Impedance	50 Ω
Frequency	DC to 300 MHz
Insertion Loss	≤ 0.1 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 2 mΩ
Outer contact resistance	≤ 0.2 mΩ
Test voltage	5000 V rms
Working voltage	1600 V rms

Material And Plating

Piece Parts (MHV)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Piece Parts (MHV)	**Material**	**Plating**
Centre contact	Phosphor Bronze	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

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N-CAGE Code: SFKK0 / ISO9001 Certified

MHV jack (female) / MHV jack (female) Adaptors Straight DC-6 GHz VSWR1.20

AD-MV2MV25A / H4-H4

Mechanical Data	
Coupling Mechanisms	Bayonet-lock
Mating Cycles	≥ 500
Coupling nut retention	≥ 450 N
Center contact captivation axial:	≥ 18 N
Environmental Data	
Temperature Range	-55°C to +125°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition G
RoHS	compliant
Packing	
	Single or 100

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