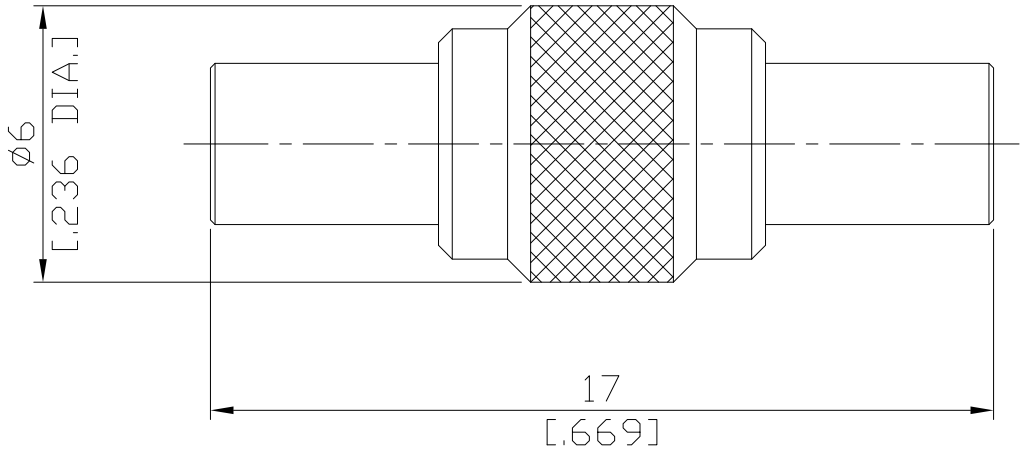
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

MMCX jack (female) / MMCX jack (female) Adaptors Straight DC-6 GHz VSWR1.3

AD-MX2MX25A / 91-91



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

Interface

According to	N/A

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
Insertion Loss	≤ 1.3 (≥ 17.7 dB)
Insulation resistance	≥ 1 GΩ
Center contact resistance	≤ 5 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage	750 V rms
Working voltage	335 V rms
RF leakage	≥ 70 dB @ DC to 1 GHz

Material And Plating

Piece Parts (MMCX)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Insulator	PTFE	
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Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Insulator	PTFE	

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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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