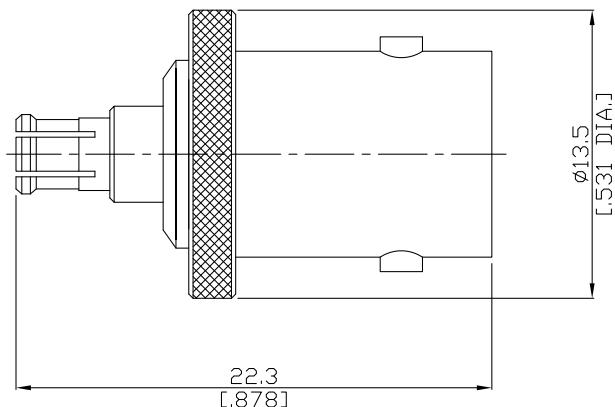


MCX plug (male) / BNC jack (female)
Straight Adaptor DC-4 GHz VSWR 1.15

AD-M1B25A / 99-93



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

MCX according to	IEC 60169-36
BNC according to	IEC 60169-8; MIL-STD-348B/301

Electrical Data

Impedance	50 Ω
Frequency	DC to 4 GHz
VSWR (Return Loss)	≤ 1.15 (≥ 23.1 dB)
Insertion loss	≤ 0.05 x √F (GHz) dB

Mechanical Data

Coupling mechanisms	MCX side	BNC side
Mating cycles	Snap-lock	Bayonet-lock
Center contact captivation: axial	≥ 500	≥ 500
Disengagement force	≥ 28 N	≥ 27 N
	8 N min. to 20 N max.	N/A

Environmental Data

Temperature Range	-65°C to +165°C
RoHS	compliant

Material And Plating

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

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

Packing

Single or 100