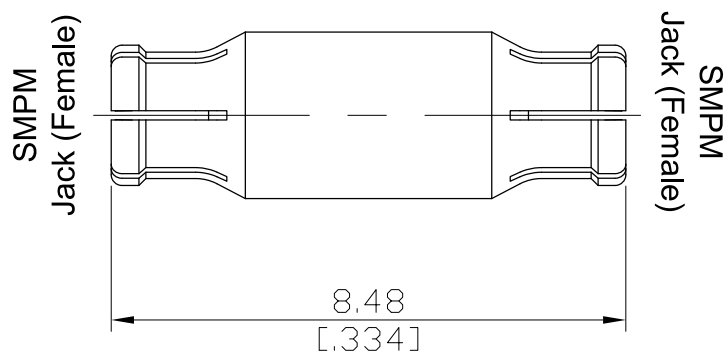




SMPM Jack (Female) to SMPM Jack (Female) Bullet Adapter, .334 inch Length
DC- 50 GHz , VSWR 1.5

AD-PM2PM25A-BL8.48 / 99-99



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-PRF-31031; MIL-STD-348B/328

Electrical Data

Impedance

50 Ω

Frequency

DC to 50 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.13 dB), DC to 18.0 GHz

≤ 1.50 (≥ 13.98 dB), 18.0 to 50.0 GHz

Insertion Loss

$\leq 0.1 \times \sqrt{F}$ (GHz) dB

Insulation resistance

≥ 5 G Ω

Center contact resistance

≤ 6 m Ω

Outer contact resistance

≤ 2 m Ω

Working voltage

325 V rms (at sea level)

125 V rms (at 70000 feet)

Material And Plating

Piece Parts (SMPM)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Insulator	PTFE	
Piece Parts (SMPM)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
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Mechanical Data

Coupling mechanisms	Snap-lock	
Mating cycles	Full detent: ≥ 100	Smooth bore: ≥ 500
Center contact captivation: axial	≥ 7 N	
Engagement force	Full detent: 19 N typical	Smooth bore: 11 N typical
Disengagement force	Full detent: 29 N typical	Smooth bore: 11 N typical

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition A
Shock	MIL-STD-202, Method 213, Condition A
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100