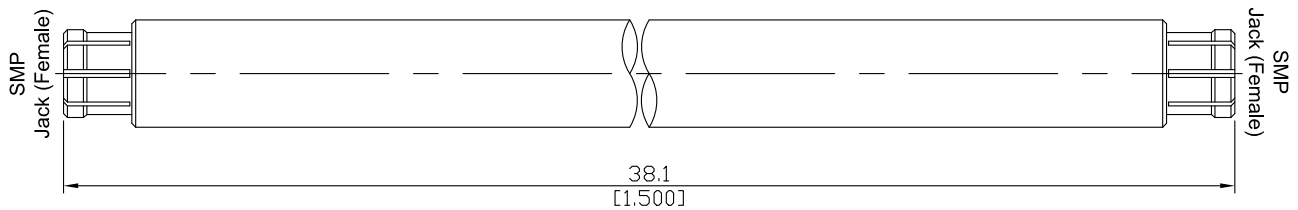


SMP Jack (Female) to SMP Jack (Female) Bullet adapter, 1.500 inch Length  
DC- 40 GHz , VSWR 1.5

## AD-P2P25A-BL38.1 / 99-99



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

MIL-PRF-31031; MIL-STD-348B/326; IEC 61169-44

### Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.22 (≥ 20.08 dB), DC to 18.0 GHz

≤ 1.50 (≥ 13.98 dB), 18.0 to 40.0 GHz

Insertion Loss

≤ 0.1 × √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 6 mΩ

Outer contact resistance

≤ 2 mΩ

Working voltage

335 V rms (at sea level)

### Material And Plating

Piece Parts (SMP)	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 (SMP)	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	

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## AD-P2P25A-BL38.1 / 99-99

### Mechanical Data

Coupling mechanisms	Snap-lock	
Mating cycles	Full detent: $\geq 100$	Smooth bore: $\geq 1000$
Center contact captivation: axial	$\geq 7$ N	
Engagement force	Full detent: 68 N typical	Smooth bore: 9 N typical
Disengagement force	Full detent: 22 N typical	Smooth bore: 2.2 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