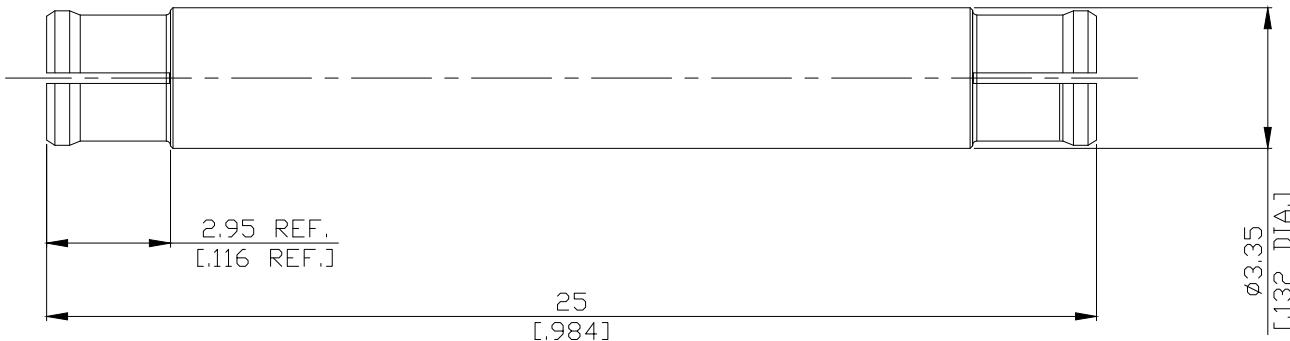


SMP jack (female) / SMP jack (female)  
Straight Bullet Adaptor DC- 26.5 GHz, VSWR ≤ 1.50

## AD-P2P25A-BL25 / 99-99



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

according to

MIL-STD-348B/326

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 26.5 GHz

VSWR (Return Loss)

≤1.3(≤18db)@18GHz; 18-26.5GHz ≤1.5 (≤ 14 dB)

Insertion Loss

≤ 0.06 x √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 6 mΩ

Outer contact resistance

≤ 2 mΩ

Test voltage

500 V rms

Working voltage

335 V rms

Power handling

65 W @ 2.2 GHz

RF-leakage

≥ 85 dB @ DC to 4 GHz

**Material And Plating**

Piece Parts (SMP)	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 (SMP)	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	

SMP jack (female) / SMP jack (female)  
Straight Bullet Adaptor DC- 26.5 GHz, VSWR  $\leq$  1.50

**AD-P2P25A-BL25 / 99-99**

**Mechanical Data**

Coupling mechanisms	Snap-lock		
Mating cycles	Smooth bore, Catchers mitt: $\geq$ 1000	Limited detent: $\geq$ 500	Full detent: $\geq$ 100
Center contact captivation: axial	$\geq$ 7 N		
Engagement force	Full detent: $\leq$ 68 N	Limited detent: $\leq$ 45 N	Smooth bore, Catchers mitt: $\leq$ 9 N
Disengagement force	Full detent: $\geq$ 22 N	Limited detent: $\geq$ 9 N	Smooth bore, Catchers mitt: $\geq$ 2.2 N

**Environmental Data**

Temperature Range	-65°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition A
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

**Packing**

Single or 100