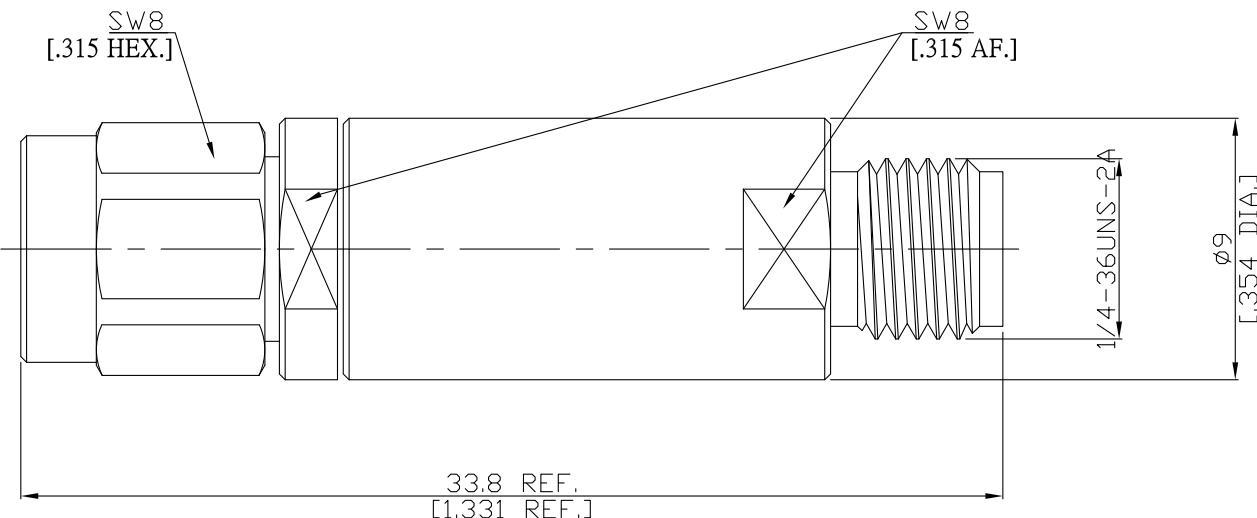


3.5mm Plug (Male) to 3.5mm Jack (Female) inner DC Block  
5MHz to 18GHz VSWR1.25, DC Rated 50 Volt

## DB-PC1PC25A-18G50V / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 60169-23

IEEE Std 287-2007

### Electrical Data

Impedance	50 Ω
Frequency	5 MHz to 18 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 19.08 dB)
Insertion Loss	≤ 0.6 dB Max.
Voltage rating (Volts)	DC 50 V Max.
DC Block Type	Inner

### Material And Plating

Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PEI	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PEI	

3.5mm Plug (Male) to 3.5mm Jack (Female) inner DC Block  
5MHz to 18GHz VSWR1.25, DC Rated 50 Volt

## DB-PC1PC25A-18G50V / 9XX-9X

### Mechanical Data

Coupling Mechanisms	Screw-Lock
Mating Cycles	≥ 500
Coupling Nut Retention	≥ 270 N
Center contact captivation: axial	≥ 27 N
Coupling Test Torque	≤ 1.7 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

### Environmental Data

Temperature Range	-40°C to +85°C
RoHS	compliant

### Weight

Packing	Single or 100
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