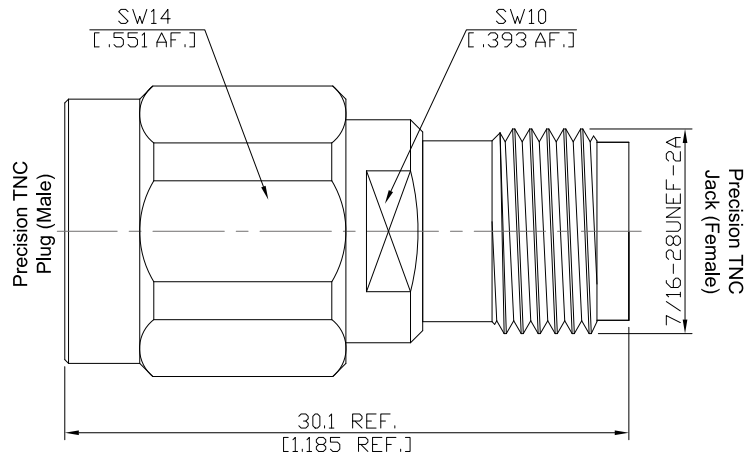


Precision TNC Plug (Male) to Precision TNC Jack (Female) DC Block inner,  
9 KHz to 18GHz VSWR1.35, rated 100 Volt

## DB-PCT1PCT25A-18G100V / H33-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 61169-26; CECC 22 200; MIL-PRF-39012; MIL-STD-348B/406

### Electrical Data

Impedance	50 Ω
Frequency	9 KHz to 18 GHz
VSWR (Return Loss)	≤ 1.35 (≥ 16.54 dB)
Insertion Loss	≤ 0.7 dB
DC Working Voltage	100 V max.
DC Block Type	Inner

### Material And Plating

Piece Parts (Precision TNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating
Body	Brass	Nickel
Insulator	PTFE	
Coupling nut	Brass	Nickel
Gasket	Silicone Rubber	
Piece Parts (Precision TNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating
Body	Brass	Nickel
Insulator	PTFE	

Precision TNC Plug (Male) to Precision TNC Jack (Female) DC Block inner,  
9 KHz to 18GHz VSWR1.35, rated 100 Volt

## DB-PCT1PCT25A-18G100V / H33-H3

### Mechanical Data

Coupling Mechanisms	Screw-On
Mating Cycles	≥ 500
Center contact captivation: axial	≥ 15 N
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	0.46 Nm to 0.69 Nm

### Environmental Data

Temperature Range	-65°C to +125°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition G
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

### Packing

Single or 100