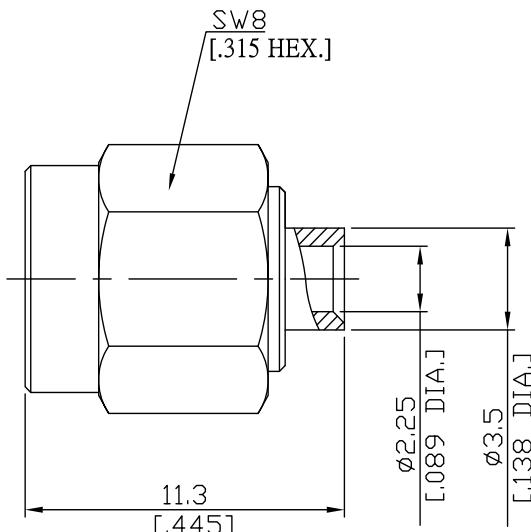


Precision SMA(Male) Straight  
 Cable Plug

PCA1E50-0085A/91X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 60169-15; MIL-STD-348A/310

**Electrical Data**

Impedance 50 Ω

Frequency DC to 26.5 GHz

VSWR (Return Loss) ≤ 1.20 (≥ 20.83 dB)

 Insertion Loss ≤ 0.05 x  $\sqrt{F \text{ (GHz)}}$  dB

*- Limitations are possible due to the used cable type and manufacturing process -*
**Mechanical Data**

Coupling mechanisms Screw-lock

Centre contact Plug-in

Cable entry Soldered

**Environmental Data**

Temperature range -65°C to +165°C

RoHS compliant

**Material And Plating**

| Connector parts | Material         | Plating                           |
|-----------------|------------------|-----------------------------------|
| Centre contact  | Beryllium Copper | Gold plating (Nickel underplated) |
| Body            | Brass            | Gold plating (Nickel underplated) |
| Insulator       | PTFE             |                                   |
| Gasket          | Silicone Rubber  |                                   |
| Coupling nut    | Stainless Steel  | Passivated                        |

**Suitable Cables**

RSR-086, RSF-086, RSF-086-FEP, RSF-086-PVC, RG-405, BELDEN 1671A, BELDEN 1671J

**Packing**

Single or 100