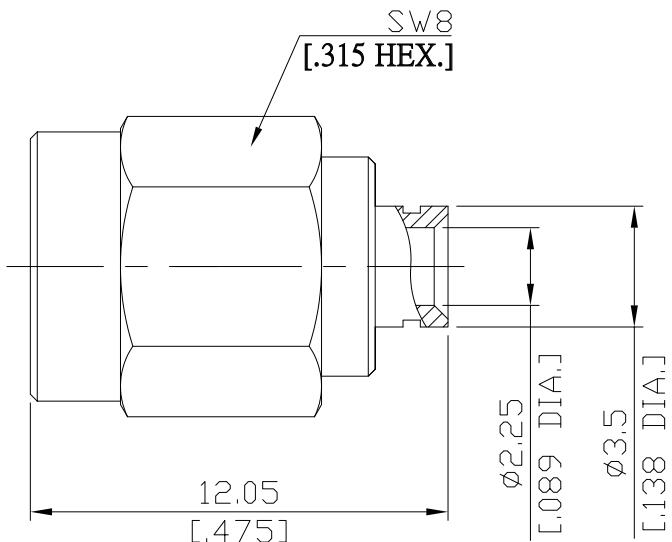



**SMA Straight Cable Plug
(Plug-in Type)**
SMA1E50-EZ085A/91X


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 18 GHz

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

 Insertion Loss $\leq 0.04 \times \sqrt{F(\text{GHz})}$ 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