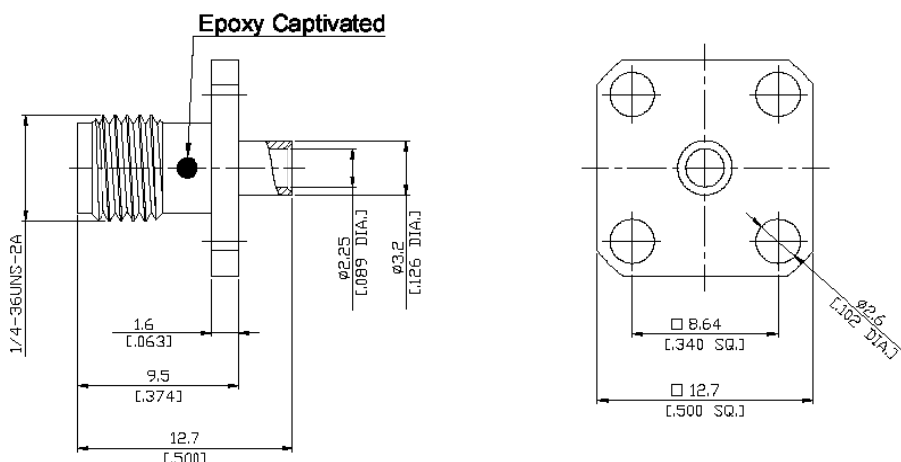


SMA Straight Panel Cable Jack

SMA2EBF50-0085A-EC/9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

**Electrical Data**

Impedance 50  $\Omega$   
Frequency DC to 18 GHz  
VSWR (Return Loss)  $\leq 1.25$  ( $\geq 19$  dB)  
Insertion Loss  $\leq 0.04 \times \sqrt{F}$  (GHz) dB

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

**Mechanical Data**

Coupling mechanisms Screw-lock  
Centre contact Soldered  
Cable entry Plug-in

**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	Stainless Steel	Passivated
Insulator	PTFE	

**Suitable Cables**

RSR-085, RSF-085, RSF-0485-FEP, UT 85, RG 405/U, RTK- FS 085, RTK- Flex 405, BELDEN 1671A

**Packing**

Single or 100

**Related Document**

Mounting Dimension MD10