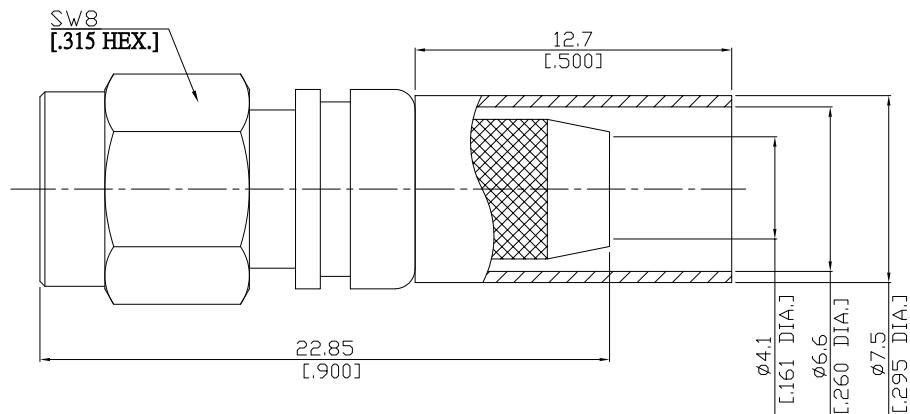




## SMA (Male) Straight Cable Plug

## SMA1C50-EZR240A/944



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 8 GHz
VSWR (Return Loss)	≤ 1.30 (≥ 17.69 dB)
Insertion Loss	≤ 0.05 x √F (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	Crimped

**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	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy

**Suitable Cables**

LMR 240, BELDEN 7808A, BELDEN 9258, BELDEN H155, RNL-240

**Packing**

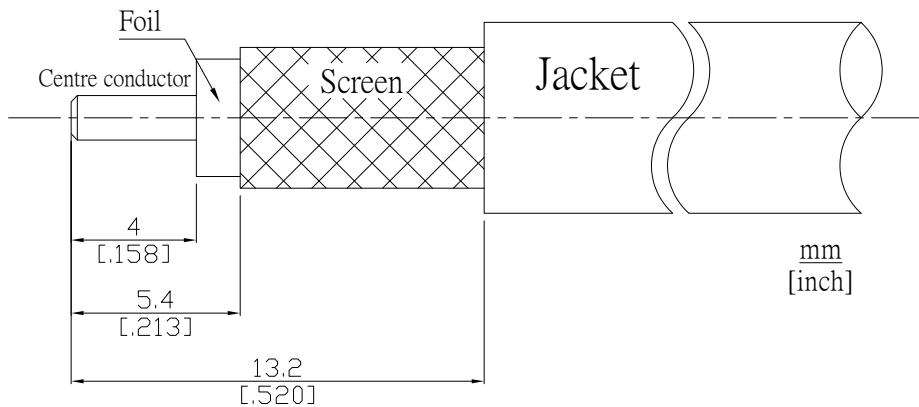
Single or 100



SMA (Male) Straight Cable Plug

SMA1C50-EZR240A/944

Cable Stripping Dimensions



Crimp Dimensions [HEX]

Crimp ferrule

6.48mm [.255 inch]