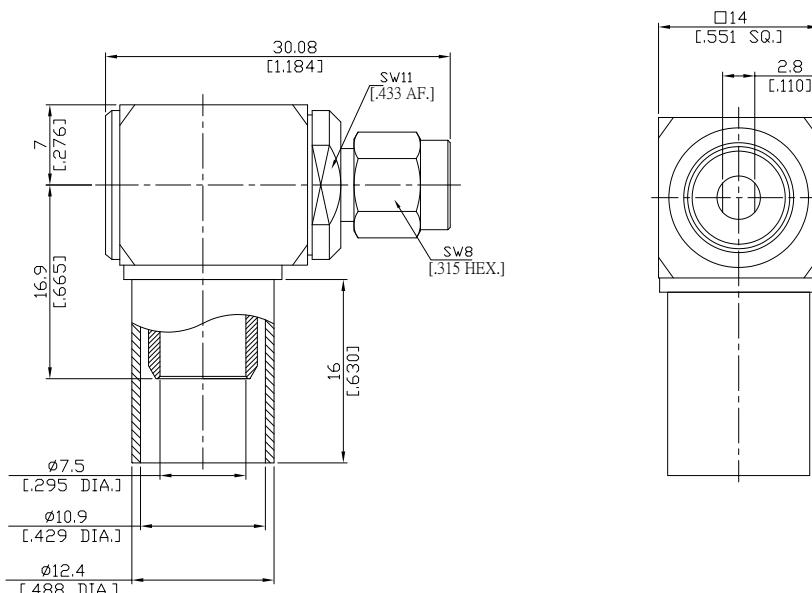




SMA Right-Angle Cable Plug

SMA1C59-R400A/144



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; CECC 22110

Electrical Data

Impedance

50 Ω

Frequency

DC 6 GHz

VSWR (Return Loss)

DC-2 Ghz: ≤ 1.13 (≥ 24 dB) 2-4Ghz: ≤ 1.22 (≥ 20 dB) 4-6 Ghz: ≤ 1.43 (≥ 15 dB)

Insertion Loss

 ≤ 0.1 x \sqrt{F} (GHz) dB

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

Coupling mechanisms

Screw-lock

Centre contact

Soldered

Cable entry

Crimp

Environmental Data

Temperature range

-65°C to +165°C

RoHS

compliant

Material And Plating

Connector parts

Material

Plating

Centre contact

Brass

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 400; Spuma 400; Spuma 400 FR-01; Belden 7810A, 8214, 9913

Packing

Single or 100