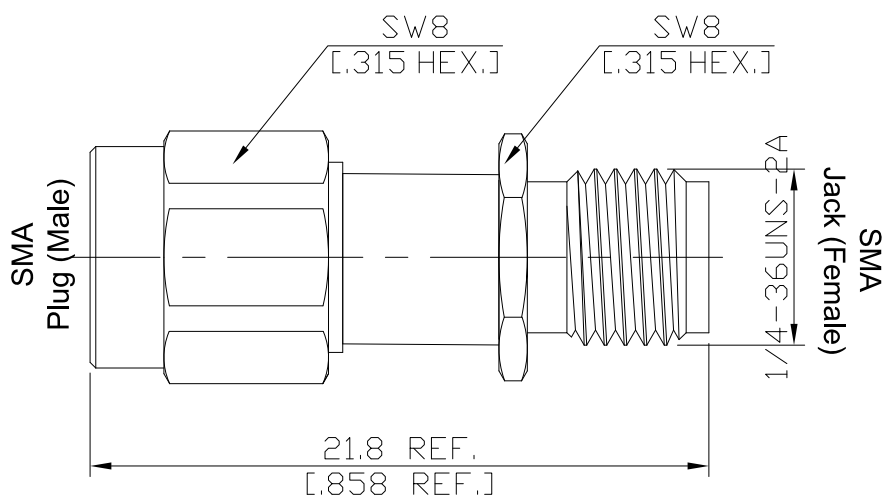


Fix Attenuator SMA Plug (Male) / SMA Jack (Female)  
2Watts Up to 18 GHz, VSWR ≤ 1.35

**FA-A1A25B-18G2W6 / 9XX-9X**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.35 (≥ 16.54 dB)

Input Power Rating

2Watts average to 25°C

**Accuracy Of Attenuation & Power**

|                          |     |
|--------------------------|-----|
| Nominal Attenuation (dB) | 6   |
| Deviation (± dB)         | 0.3 |

**Material And Plating**

| Piece Parts (SMA) | Material         | Plating                                                       |
|-------------------|------------------|---------------------------------------------------------------|
| Centre contact    | Beryllium Copper | Gold plating<br>(Non-magnetic nickel-phosphorus underplating) |
| Body              | Stainless Steel  | Passivated                                                    |
| Insulator         | PTFE             |                                                               |
| Gasket            | Silicone Rubber  |                                                               |
| Coupling nut      | Stainless Steel  | Passivated                                                    |
| Piece Parts (SMA) | Material         | Plating                                                       |
| Centre contact    | Beryllium Copper | Gold plating<br>(Non-magnetic nickel-phosphorus underplating) |
| Body              | Stainless Steel  | Passivated                                                    |
| Insulator         | PTFE             |                                                               |

Fix Attenuator SMA Pulg (Male) / SMA Jack (Female)  
2Watts Up to 18 GHz, VSWR ≤ 1.35

**FA-A1A25B-18G2W6 / 9XX-9X**

**Mechanical Data**

|                                   |                  |
|-----------------------------------|------------------|
| Coupling mechanisms               | Screw-lock       |
| Mating cycles                     | ≥ 500            |
| Center contact captivation: axial | ≥ 27 N           |
| radial                            | ≥ 3 Ncm          |
| Coupling test torque              | ≤ 1.7 Nm         |
| Recommended torque                | 0.8 Nm to 1.1 Nm |

**Environmental Data**

|                   |                 |
|-------------------|-----------------|
| Temperature Range | -40°C to +125°C |
| RoHS              | compliant       |

**Packing**

Single or 100