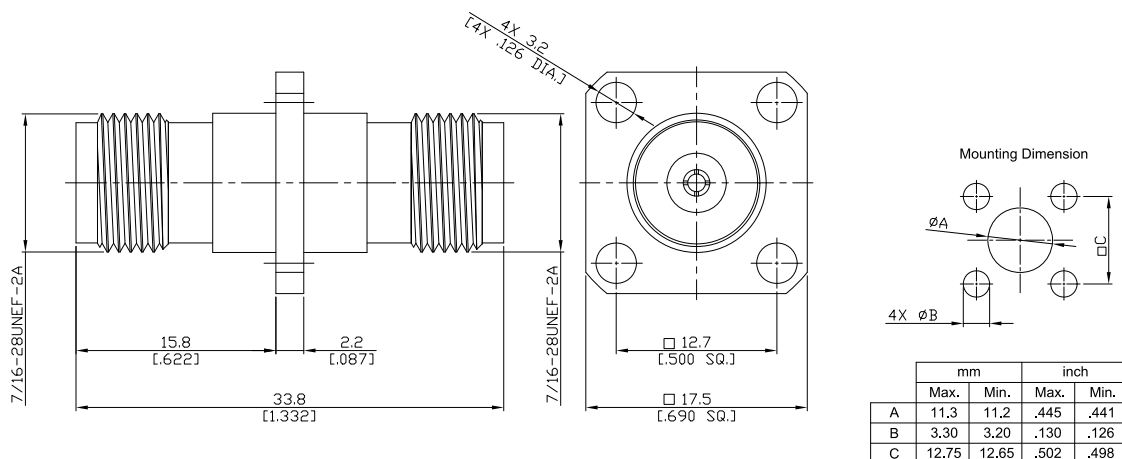


TNC jack (female) / TNC jack (female)  
Panel 4 Hole Flange Mount Adapte DC-11 GHz, VSWR ≤ 1.25

**AD-T2T25A-PF / 9X-9X**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

according to

IEC 61169-17;CECC 22 200;MIL-PRF-39012;TNC-Interface MIL-STD-348/313

**Electrical Data**

|                           |                      |
|---------------------------|----------------------|
| Impedance                 | 50 Ω                 |
| Frequency                 | DC to 11 GHz         |
| VSWR (Return Loss)        | ≤ 1.25 (> 29.08 dB)  |
| Insertion Loss            | ≤ 0.05 x √F (GHz) dB |
| Insulation resistance     | ≥ 5 GΩ               |
| Center contact resistance | ≤ 1.5 mΩ             |
| Outer contact resistance  | ≤ 1 mΩ               |
| Test voltage              | 1500 V rms           |
| Working voltage           | 500 V rms            |
| Power handling            | ≤ 80 W @ 2 GHz       |

**Material And Plating**

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

TNC jack (female) / TNC jack (female)  
Panel 4 Hole Flange Mount Adapter DC-11 GHz, VSWR ≤ 1.25

## AD-T2T25A-PF / 9X-9X

### Mechanical Data

|                                   |                    |
|-----------------------------------|--------------------|
| Coupling mechanisms               | Screw-lock         |
| Mating cycles                     | ≥ 500              |
| Center contact captivation: axial | ≥ 15 N             |
| Coupling test torque              | max. 1.7 Nm        |
| Recommended torque                | 0.46 Nm to 0.69 Nm |

### Environmental Data

|                     |                                      |
|---------------------|--------------------------------------|
| Temperature Range   | -55°C to +155°C                      |
| Thermal shock       | MIL-STD-202, Method 107, Condition B |
| Corrosion           | MIL-STD-202, Method 101, Condition B |
| Vibration           | MIL-STD-202, Method 204, Condition B |
| Shock               | MIL-STD-202, Method 213, Condition G |
| Moisture resistance | MIL-STD-202, Method 106              |
| RoHS                | compliant                            |

### Packing

Single or 100