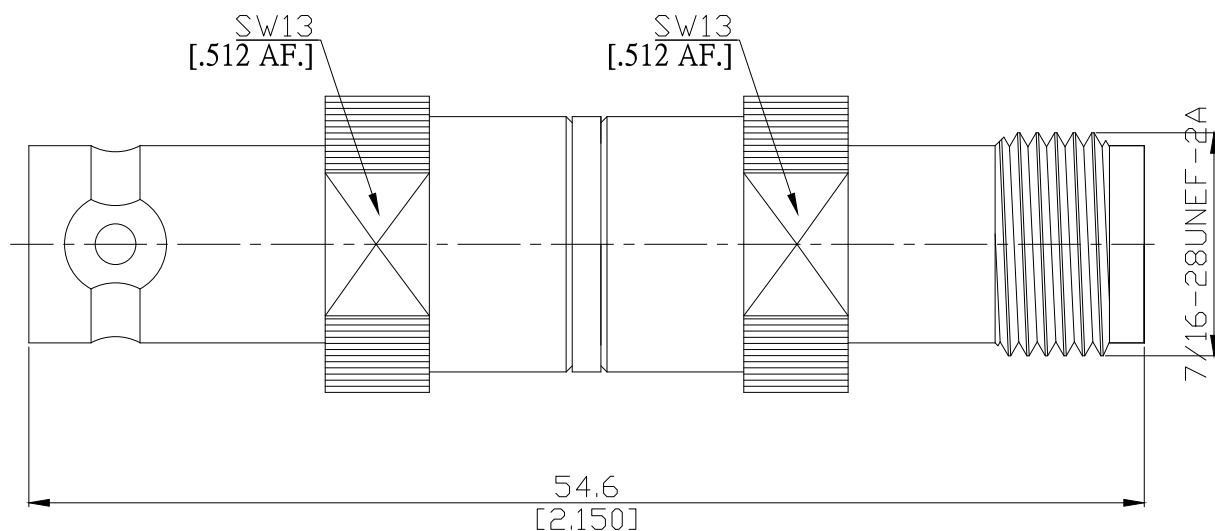




BNC jack (female) 50Ω / TNC jack (female) 75Ω
Impedance Matching Pad DC- 2GHz VSWR1.2

MP-B25T27-2GA / H4-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

BNC according to

IEC 60169-8; MIL-STD-348B/301

TNC according to

IEC 60169-17; MIL-STD-348B/313

Electrical Data

Impedance

BNC 50 Ω/ TNC 75 Ω

Frequency

DC to 2 GHz

VSWR (Return Loss)

≤ 1.2 (≥ 20.8 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Center contact resistance

≤ 1.5 mΩ, BNC side;

≤ 1.5 mΩ, TNC side

Outer contact resistance

≤ 1 mΩ, BNC side;

≤ 1 mΩ, TNC side

Working voltage

2W Avg. @ +25 °C

Peak Power

≤ 250 W

Material And Plating

| Piece Parts (BNC) | Material | Plating |
|-------------------|-----------------|--|
| Centre contact | Phosphor Bronze | Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Piece Parts (TNC) | Material | Plating |
| Centre contact | Phosphor Bronze | Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |

BNC jack (female) 50Ω / TNC jack (female) 75Ω
Impedance Matching Pad DC- 2GHz VSWR1.2

MP-B25T27-2GA / H4-H4

Mechanical Data

| | | |
|-----------------------------------|--------------|--------------------|
| Coupling mechanisms | BNC side | TNC side |
| Mating cycles | Bayonet-lock | Screw-lock |
| Center contact captivation: axial | min. 500 | min. 500 |
| Coupling test torque | ≥ 15 N | ≥ 15 N |
| Recommended torque | N/A | max. 1.7 Nm |
| | N/A | 0.46 Nm to 0.69 Nm |

Environmental Data

| | |
|---------------------|---------------------------------|
| Temperature Range | -65°C to +165°C |
| Thermal shock | MIL-STD-202, Meth. 107, Cond. B |
| Corrosion | MIL-STD-202, Meth. 101, Cond. B |
| Vibration | MIL-STD-202, Meth. 204, Cond. B |
| Shock | MIL-STD-202, Meth. 213, Cond. G |
| Moisture resistance | MIL-STD-202, Meth. 106 |
| RoHS | compliant |

Packing

Single or 100