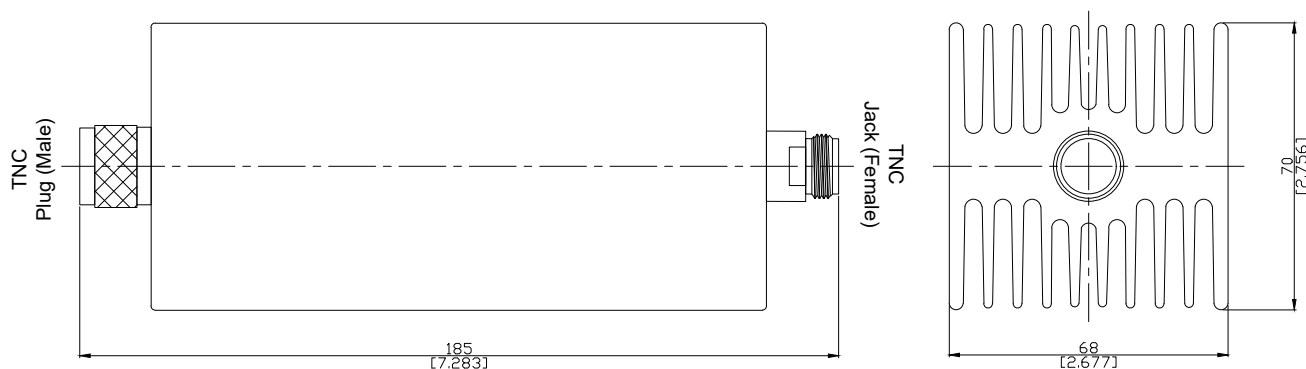


Fixed Attenuator TNC Plug (male) / TNC Jack (Female) DC-6 GHz VSWR 1.3

FA-T1T25A-6G150W6 / H33-H3



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 6 GHz

VSWR

≤ 1.3 (≥ 17.69 dB)

Center contact resistance

≤ 1.5 m Ω

Outer contact resistance

≤ 1 m Ω

Power handling (Watt)

150 Watts average to 25 °C

Accuracy Of Attenuation & Power

Nominal Attenuation(dB)	3	6	10	20	30	40
Deviation ($\pm$ dB)	0.8	0.8	0.8	0.8	0.8	0.8

Material And Plating

Piece Parts (TNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Heatsink	Aluminum	Black anodized
Piece Parts (TNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating
Body	Brass	Nickel
Insulator	PTFE	

Fixed Attenuator TNC Plug (male) / TNC Jack (Female) DC-6 GHz VSWR 1.3

FA-T1T25A-6G150W6 / H33-H3

Mechanical Data

Coupling Mechanisms	Screw-lock
Mating Cycles	≥ 500
Center contact captivation: axial	≥ 15 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-65°C to +165°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