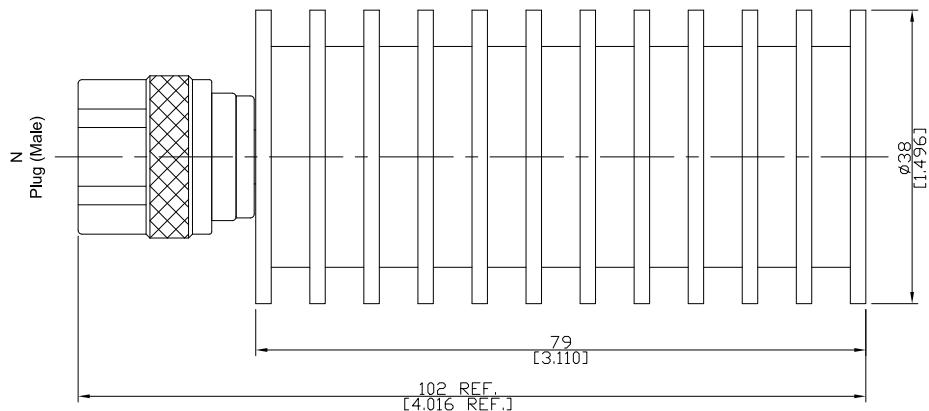


50 Watt RF Load Up to 18 GHz With Precision N Plug (Male) Input  
Round Body Black Anodized Aluminum Heatsink

## T-PCN15-18G50WA / 144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 61169-16; MIL-STD 348B/402; IEEE Std 287; MIL-PRF-39012

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.4 (≥ 15.56 dB)

Power rating (Watt)

50Watts Average at 25 °C

**Material And Plating**

Piece Parts	Material	Plating
Centre contact	Brass	Gold plating
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Heatsinks	Aluminum	Black anodized

**Mechanical Data**

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	≥ 450 N
Center Contact Captivation: axial	≥ 28 N
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	0.7 Nm to 1.1 Nm

**Environmental Data**

Temperature Range	-55 °C to +125 °C
RoHS	compliant

**Packing**

Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

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MAY/05/2025

N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/1