

RF TERMINATION Type 6550.17.AA

Description

Standard Termination, Medium Power



Product Configuration

Connector N plug (male)
Interface standards IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

Nominal Impedance 50 Ω
Frequency range 0 to 5 GHz
VSWR $\leq 1.1 + 0.02 f$ (GHz), max. 1.201
Power rating 50 Watt average power up to 25 °C ambient temperature, linearly derated to 0 Watt at 150 °C ambient temperature.
1500 Watt peak power, 5 μ s pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.151 kg

Environmental Data

Operating temperature -40 °C to 150 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

Material Data

Piece Part	Material	Surface Plating
Centre contact	Brass	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

Related Documents

Outline drawing DOU-00005423

Ordering Information

Single Packaging 6550.17.AA
Packaging

Additional Information

Important note WARNING: Beryllia Ceramic Inside! DO NOT sand, scrap or tamper with. Dispose in accordance with all relevant regulations.

Remarks

50 Watt, if the termination is mounted on an additional heat sink with a max. thermal resistance (R_{th}) of 5 K/Watt. Without additional heat sink this termination is applicable up to 25 Watts only.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[HUBER+SUHNER:](#)

[6550.17.AA](#)