

## 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  $\Omega$   
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  $\mu$ 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.

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