

## RF TERMINATION Type 6550.17.BA

### Description

Standard Termination, Medium Power



### Product Configuration

Connector N jack (female)

### Technical Data

#### Electrical Data

Nominal Impedance 50  $\Omega$   
Frequency range 0 to 5 GHz  
VSWR  $\leq 1.1 + 0.02 f$  (GHz), max. 1.2  
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

#### Mechanical Data

Weight 0.135 kg

#### Material Data

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

### Related Documents

Outline drawing DOU-00005425

### Ordering Information

Packaging 6550.17.BA  
Packaging

### Additional Information

Important note WARNING: This product contains Beryllium Oxide substrate. Please ensure that an appropriate disposal procedure is followed.

#### Remarks

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

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