

## RF TERMINATION Type 6550.41.AB

### Description

Standard Termination, Medium Power



### Product Configuration

Connector	7/16 plug (male)
Interface standards	IEC 60169-4_CECC 22190_DIN 47223_VG 95250

### Technical Data

#### Electrical Data

Nominal Impedance	50 $\Omega$
Frequency range	0 to 2 GHz
VSWR max.	1.1
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	0.208 kg
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#### Environmental Data

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

Piece Part	Material	Surface Plating
Centre contact	Brass	Silver Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

### Related Documents

Outline drawing	DOU-00005437
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### Ordering Information

Single Packaging Packaging	6550.41.AB
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### Additional Information

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