# **Data Sheet**

# IUBER+SUHNER

## **RF TERMINATION** Type 6550.41.AB

### **Description**

Standard Termination, Medium Power



### **Product Configuration**

7/16 plug (male) Connector

IEC 60169-4\_CECC 22190\_DIN 47223\_VG 95250 Interface standards

#### **Technical Data**

**Electrical Data** 

Nominal Impedance 50 Ω 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

1500 Watt peak power , 5 µs pulse, 0.05 % duty cycle

**Mechanical Data** 

Weiaht 0.208 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)

-40 °C to 150 °C compliant

#### **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

### **Ordering Information**

Single Packaging 6550.41.AB Packaging

#### Additional Information

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

relevant regulations.

#### Remarks

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

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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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