Data Sheet

HUBER+SUHNER

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	≤ 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 µs 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 Packaging	6550.17.AA

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 (Rth) of 5 K/Watt. Without additional heat sink this termination is applicable up to 25 Watts only.

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.