Data Sheet

HUBER+SUHNER

RF TERMINATION
Type 6506.17.0001

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 6 GHz		
Frequency sub range	DC to 2 GHz	2 to 4 GHz	4 to 6 GHz
VSWR max.	1.1	1.2	1.25
Power rating	6 Watt average power up to 40 ˚C ambient temperature, linearly derated to 0 Watt at 125 ˚C ambient temperature. 1000 Watt peak power , 5 µs pulse, 0.05 % duty cycle		

Mechanical Data

Weight	0.075 kg

Environmental Data

Operating temperature	-40 °C to 125 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	not compliant

Material Data

Piece Part	Material	Surface Plating
Centre contact	Bronze	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

Related Documents

Outline drawing	DOU-00005372

Ordering Information

Single Packaging Packaging	6506.17.0001

Additional Information

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

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.