Data Sheet

HUBER+SUHNER

RF TERMINATION
Type 6506.17.A

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 12.4 GHz			
Frequency sub range	DC to 1 GHz	1 to 4 GHz	4 to 10 GHz	10 to 12.4 GHz
VSWR max.	1.05	1.1	1.2	1.25
Power rating	6 Watt average power up to 40 ˚C ambient temperature, linearly derated to 0 Watt at 130 ˚C ambient temperature. 1000 Watt peak power , 5 µs pulse, 0.05 % duty cycle			

Mechanical Data

Weight	0.073 kg

Environmental Data

Operating temperature	-55 °C to 85 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

Material Data

Piece Part	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	
Body	Aluminium	
Insulator	Air Dielectric - Bead - PS	
Coupling nut	Brass	SUCOPLATE (R) Plating

Related Documents

Outline drawing	DOU-00005439

Ordering Information

Single Packaging Packaging	6506.17.A

Additional Information

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

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.