Data Sheet

HUBER+SUHNER

RF TERMINATION
Type 6506.19.A

Description

Standard Termination, Medium Power



Product Configuration

Connector	SMA plug (male)
Interface standards	IEC 60169-15_MIL-STD-348A/310_CECC 22110

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	0.051 kg

Environmental Data

Operating temperature	-40 °C to 130 °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	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Aluminium	
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)

Ordering Information

Single Packaging Packaging	6506.19.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.