## **HUBER+SUHNER**

## RF TERMINATION Type 6506.17.0001

## Description

Standard Termination, Medium Power

Product Configuration			
Connector Interface standards	N plug (male) IEC 60169-16_MIL-STD-348A/304_CECC 22210		
Technical Data			
Electrical Data			
Nominal Impedance	50 Ω		
Frequency range Frequency sub range	0 to 6 GHz 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 $^\circ$ C ambient temperature, linearly derated to 0 Watt at 125 $^\circ$ C ambient temperature. 1000 Watt peak power , 5 $\mu$ s pulse, 0.05 % duty cycle		
Mechanical Data			
Weight	0.075 kg		
Environmental Data			
Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)	-40 °C to 125 °C 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.		

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

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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.

## **Mouser Electronics**

Authorized Distributor

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HUBER+SUHNER: <u>6506.17.0001</u>