Data Sheet

HUBER+SUHNER

RF Attenuator 5906.17.0005

Description

Standard Attenuator, Medium Power



Product Configuration

Connector (side 1 / side 2) Interface Standards N plug (male) / N jack (female)

IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

 $\begin{array}{ll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 6 \ \mbox{dB} \end{array}$

Frequency range DC to 6 GHz

 Frequency sub range (GHz)
 DC to 1
 1 to 2
 2 to 4
 4 to 6

 Attenuation deviation (±dB)
 0.3
 0.3
 0.3
 0.5

 VSWR max.
 1.1
 1.15
 1.25
 1.35

Power rating 50 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient

temperature.

Convection cooled.

500 Watt peak power, 5 µs pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.485 kg

Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -55 °C to 130 °C compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	

Related Documents

Outline drawing DOU-00005339

Ordering Information

Single packaging 5906.17.0005

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

relevant regulations.

Data Sheet



RF Attenuator 5906.17.0005

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

www.hubersuhner.com

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

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HUBER+SUHNER:

5906.17.0005