

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 5903_716-50-1

Rev.: F



Description

Standard Attenuator, High Power

Product Configuration

Connectors (side 1 / side 2) 7/16 plug (male) / 7/16 jack (female)
Interface standard IEC 60169-4_CECC 22190_DIN 47223_VG 95250

Technical Data

Electrical Data

Nominal impedance	50 Ω
Nominal attenuation	3 dB
Frequency range	DC to 2.7 GHz
Frequency sub range (GHz)	DC to 1.5 1.5 to 2.7
Attenuation deviation (\pm dB)	0.5 0.5
VSWR max.	1.25 1.35
Power rating	100 Watt average power up to 25 °C ambient temperature, linearly derated to 20 Watt at 125 °C ambient temperature. Free airflow convection necessary to ensure power performances. Unit is unidirectional, therefore don't swap input with output (note: input is usually on the male side, otherwise follow instructions on the heatsink) 1000 Watt peak power, 5 μ s pulse, 0.05 % duty cycle



Mechanical Data

Weight 1.27 kg

Environmental Data

Operating temperature (°C) -55 to 125
2002/95/EC (RoHS) compliant

Material Data

Piece Part (side 1)

Centre contact	Brass
Outer contact	Brass
Body	Aluminium
Insulator	PTFE
Coupling nut	Brass

Surface Plating

Tri-metal Plating
Tri-metal Plating
Anodized

Piece Part (side 2)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Aluminium
Insulator	PTFE

Surface Plating

Tri-metal Plating
Tri-metal Plating
Anodized

Related Documents

Outline drawing DOU-00113257

Ordering Information

Single packaging 5903_716-50-1/1--_NE

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

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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 informational purposes only.



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