Data Sheet

HUBER+SUHNER

RF Attenuator 5920_716-50-010/133_N Description

Standard Attenuator, Medium Power



Product Configuration

Connector (side 1 / side 2) 7/16 plug (male) / 7/16 jack (female)

Interface Standards IEC 60169-4_CECC 22190_DIN 47223_VG 95250

Technical Data

Electrical Data

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 20 \ \mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 6 GHz} \\ \mbox{Attenuation deviation (<math>\pm \mbox{dB}$)} & 0.6 \\ \end{array}

VSWR max. 1.25

Power rating 10 Watt average power up to 25 °C ambient temperature, linearly derated to 1 Watt at 100 °C ambient

temperature.

500 Watt peak power, 5 µs pulse, 1 % duty cycle

Mechanical Data

Weight 0.150 kg

Environmental Data

Operating temperature -55 °C to 125 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	Tri-metal Plating
Body/Heat Sink	Aluminium	Anodized
Gasket	VMQ (Silicone rubber)	
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Body/Heat Sink	Aluminium	Anodized

Related Documents

Outline drawing DOU-01168065

Ordering Information

85177199 5920_716-50-010/133_NE

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

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Document: 5920_716-50-010/133_NE / date of publication: 18.11.2022 / uncontrolled copy

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Uncontrolled copy DOC-0001175715 / A / Released Date: 21-Nov-2022