Data Sheet

RF Attenuator 6803.17.B



Description

Precision Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) Interface Standards N-precision plug (male) / N-precision jack (female) IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

 $\begin{array}{ll} \mbox{Nominal impedance} & \mbox{50} \ \Omega \\ \mbox{Nominal attenuation} & \mbox{3 dB} \end{array}$

Frequency range DC to 18 GHz

Frequency sub range (GHz) DC to 4 4 to 6 6 to 8 8 to 12.4 12.4 to 18 Attenuation deviation (±dB) 0.3 0.3 0.3 0.5 8.0 VSWR max. 1.1 1.15 1.15 1.25 1.1

Power rating 2 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient

temperature.

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

Mechanical Data

Weight 0.086 kg

Environmental Data

Operating temperature -55 °C to 130 °C 2011/65/EU (RoHS) compliant

Material Data

_

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Centre contact Outer contact	Copper Beryllium Alloy Stainless Steel	Gold Plating
		Gold Plating
Outer contact	Stainless Steel	Gold Plating

Related Documents

Outline drawing DOU-00005244

Ordering Information

Single packaging 6803.17.B

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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Attenuators - Interconnects category:

Click to view products by Huber & Suhner manufacturer:

Other Similar products are found below:

```
R411803119 R411804121 R411820119 R413806115 R413808000 R413810115 R413850115 R414701000 R415303000 R415706000 R417303130 BNC-13 R411801121 R411805121 R412412124 R412450000 R413800000 R413805000 R413830000 R413840115 R414730000 R415420000 R415703000 R416010000 R420003110 R416120000 R411801000 R411815121 R412500124 R412414124 R413802000 R413802000 R412400124 R411700124 R417310130 R411801119 R412419124 R411703124 R412401124 R413820115 R417130110 R414700000 R414704000 R414505000 R411802119 R417720128 R420706110 R413811000 32AS102-K10S3 R414501000 R417903128
```