Data Sheet

HUBER+SUHNER

RF Attenuator
6830.26.A

Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2)	TNC plug (male) / TNC jack (female)
Interface Standards	IEC 60169-17_MIL-STD-348A/313_CECC 22200

Technical Data

Electrical Data

Nominal impedance	50 Ω			
Nominal attenuation	30 dB			
Frequency range	DC to 12.4 GHz			
Frequency sub range (GHz)	DC to 4	4 to 8	8 to 11	11 to 12.4
Attenuation deviation (±dB)	1	1	1.5	1.5
VSWR max.	1.12	1.2	1.3	1.4
Power rating	1 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	0.029 kg

Environmental Data

Operating temperature	-55 °C to 130 °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	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
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	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing	DOU-00005277

Ordering Information

Single packaging	6830.26.A

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.

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