

HUBER+SUHNER® DATA SHEET

RF ATTENUATORS: SERIES 68XX.01.A (BNC, 4 GHz)



Description

Standard Attenuator, Low Power

Type 68XX.01.A, for XX insert attenuation value in dB

For example for 3 dB attenuation insert "03" in the type code and write 6803.01.A



Product Configuration

Connectors (side 1 / side2) BNC plug (male) / BNC jack (female)

Technical Data

Electrical Data

Nominal impedance	50 Ω
Attenuation values	from 1 up to 30 dB
Frequency range	DC to 4 GHz *)
Power rating	2 Watt *) average power to 30°C ambient temperature , linearly derated to 0 Watt at 130°C ambient temperature. 500 Watt peak power during max. 5 μs
Power Coefficient	0.001 dB/dB/W
Temp. Coefficient	0.0001 dB/dB/°C

Environmental Data

2002/95/EC (RoHS) compliant

Mechanical Data

Dimensions	12.5 / 12.5 / 44.4 (height / width / length coaxial in mm)
Weight	0.069 kg / 2.43 oz

Material Data

Piece Part

Centre contacts
Outer contacts
Body
Coupling Nut

Material

Copper-Beryllium Alloy
Brass
Brass
Brass

Surface Plating

Gold Plating (not nickel underplated)
SUCOPLATE® Plating
SUCOPLATE® Plating
SUCOPLATE® Plating

Related Documents

Outline Drawing DOU-00005238

Ordering Information

Single Packing 68XX.01.A *)

Additional Information

Remarks

Interface dimensions acc. to IEC 60169-8_MIL-STD-348A/301_CECC 22120

*) for complete type code identification and detail specifications see page 2.

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Nominal attenuation (dB)	Attenuation deviation max. over frequency (GHz) (dB)		VSWR max. over frequency (GHz)		Power	H+S type	Item number
	DC - 2	2 - 4	DC - 2	2 - 4			
1					2 W	6801.01.A	22641542
2					2 W	6802.01.A	22641543
3					2 W	6803.01.A	22550177
4	+/-0.3	+/-0.5	1.10	1.20	2 W	6804.01.A	22641544
6					2 W	6806.01.A	22550178
7					2 W	6807.01.A	22641546
10					1 W	6810.01.A	22550179
20	+/-0.5	+/-1.0	1.10	1.20	1 W	6820.01.A	22550180
30	+/-1.0	+/-1.0	1.10	1.20	1 W	6830.01.A	22550181

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

WAIVER!
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