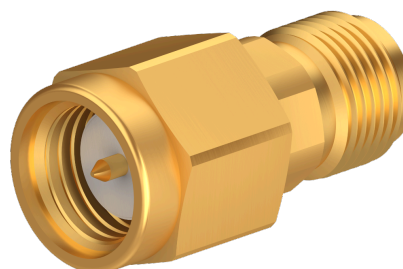


COAXIAL FIXED ATTENUATOR, 50 Ohm, 6 dB, SMA

6606_SMA-50-4/111_U

Properties

- Non-magnetic
- For cryogenic applications
- Excellent return loss
- Operating frequency up to 18 GHz

**Product configuration**

Interface	Gender	Standard
SMA	plug (male)	IEC 60169-15_MIL-STD-348A/310_CECC 22110
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Electrical data

Impedance	50Ω
Operating frequency	0 GHz ... 18 GHz
VSWR	1.25
Return loss	18.78 dB

Electrical Data (frequency related)

Frequency range	Attenuation deviation	VSWR max
0 GHz to 18 GHz	+/- 0.6 dB	1.25

Electrical Data (power)

Average power	2 W at 25 °C ambient temperature. Linearly derated to 0.2 W at 100 °C ambient temperature.
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Interface and material data

Interface	SMA / plug (male)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Interface	SMA / jack (female)	
Piece parts	Material	Plating

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Coupling nut	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

Mechanical data	
Weight	3 g

Environmental data	
Operation temperature	-40 °C ... 125 °C

Ordering Information Table	
Item number	Item description
85269725	6606_SMA-50-4/111_UE

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.

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