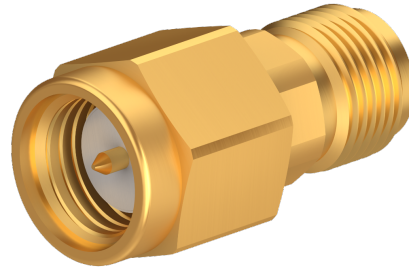


COAXIAL FIXED ATTENUATOR, 50 Ohm, 10 dB, SMA

6610_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
Attenuation nominal	10 dB
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.

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)	

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Mechanical data	
Weight	3 g

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

Ordering Information Table	
Item number	Item description
85269726	6610_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:
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DOCUMENT PIM-P60736 / Date of publication: 24.11.2025 / uncontrolled copy