

COAXIAL FIXED ATTENUATOR, 75 Ohm, 10 dB, BNC

6910.02.A

Properties

- Wide range of interfaces
- Various bandwidth to improve the impedance matching between subsystems of its waveform
- Used in many test and measurement and communication applications.

**Product configuration**

Interface	Gender	Standard
BNC	plug (male)	IEC 60169-8_MIL-STD-348A/301_CECC 22120
BNC	jack (female)	IEC 60169-8_MIL-STD-348A/301_CECC 22120

Electrical data

Impedance	75Ω
Operating frequency	0 GHz ... 1 GHz
Attenuation nominal	10 dB
VSWR	1.22
Return loss	20.1 dB

Electrical Data (frequency related)

Frequency range	Attenuation deviation	VSWR max
0 GHz to 0.25 GHz	+/- 0.3 dB	1.1
0.25 GHz to 0.4 GHz	+/- 0.3 dB	1.15
0.4 GHz to 0.7 GHz	+/- 0.3 dB	1.22
0.7 GHz to 1 GHz	+/- 0.8 dB	1.22

Electrical Data (power)

Average power	0.75 W at 30 °C ambient temperature. Linearly derated to 0 W at 130 °C ambient temperature.
Peak power	500 W, 5 μs pulse width, 0.05 % duty cycle
Electrical remarks	Peak voltage max. 160V (50 Ohm)

Interface and material data

Interface	BNC / plug (male)	
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating

COAXIAL FIXED ATTENUATOR, 75 Ohm, 10 dB, BNC
6910.02.A

Interface and material data		
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Interface	BNC / jack (female)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Mechanical data	
Weight	0.025 kg

Environmental data	
Operation temperature	-55 °C ... 130 °C

Ordering Information Table	
Item number	Item description
22550124	6910.02.A

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.