

IMPEDANCE MATCHING PAD, BNC
6001.01.B

Properties

- Low insertion loss
- High repeatability
- Low return loss



Interface and material data	
Interface side 1	BNC / jack (female)
Standard side 1	IEC 60169-8_MIL-STD-348A/301_CEECC 22120
Center contact, material / plating	Copper Beryllium Alloy / Gold Plating (without Nickel underplating)
Outer contact, material / plating	Brass / SUCOPLATE (R) Plating
Body, material / plating	Brass / SUCOPLATE (R) Plating
Insulator, material	PFA / PTFE
Interface side 2	BNC / plug (male)
Standard side 2	IEC 60169-8_MIL-STD-348A/301_CEECC 22120
Outer contact, material / plating	Brass / SUCOPLATE (R) Plating
Body, material / plating	Brass / SUCOPLATE (R) Plating
Insulator, material	PFA / PTFE
Coupling nut, material / plating	Brass / SUCOPLATE (R) Plating
Gasket material	VMQ (Silicone rubber)

Electrical data	
Impedance nominal	50 Ω (side 1) / 75 Ω (side 2)
Frequency frame	0 GHz to 1 GHz
Attenuation nominal	5.7 dB
Voltage division	50 Ω to 75 Ω 4 dB / 75 Ω to 50 Ω 7.5 dB

Electrical bands		
	Band 1	Band 2
Frequency range	0 GHz ... 0.5 GHz	0.5 GHz ... 1 GHz
VSWR max side 1	1.15	1.25
VSWR max side 2	1.08	1.15

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Electrical remarks	
Power rating	0.7 W at 40 °C ambient temperature. Linearly derated to 0 W at 125 °C ambient temperature.
Electrical remarks	The power attenuation is 5.7 dB in both directions.
Mechanical data	
Weight	0.031 kg
Ordering Information Table	
Item number	Item description
22550085	6001.01.B

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