

IMPEDANCE MATCHING PAD, N
6001.17.B

Properties

- Low insertion loss
- High repeatability
- Low return loss



Interface and material data		
Interface side 1		N / jack (female)
Standard side 1		IEC 60169-16_MIL-STD-348A/304_CECC 22210
Center contact, material / plating		Copper Beryllium Alloy / Gold Plating (Nickel underplated)
Outer contact, material / plating		Brass / SUCOPLATE (R) Plating
Body, material / plating		Brass / SUCOPLATE (R) Plating
Insulator, material		PFA / PTFE
Interface side 2		N / plug (male)
Standard side 2		IEC 60169-16_MIL-STD-348A/304_CECC 22210
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 GΩ (side 1) / 75 GΩ (side 2)
Frequency frame		0 GHz to 1 GHz
Attenuation nominal		5.7 dB
Voltage division		50 GΩ to 75 GΩ 4 dB / 75 GΩ to 50 GΩ 7.5 dB
Electrical bands		
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
Electrical remarks		
Power rating		7 W at 40 °C ambient temperature. Linearly derated to 0 W at 125 °C ambient temperature.

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Mechanical data	
Weight	0.0661 kg

Compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22642806	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table	
Item number	Item description
22642806	6001.17.B

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