

IMPEDANCE MATCHING PAD, N

6001.00.0001

Properties

- Low insertion loss
- High repeatability
- Low return loss

**Interface and material data**

Interface side 1	N / plug (male)
Standard side 1	IEC 60169-16_MIL-STD-348A/304_CECC 22210
Center contact, material / plating	Brass / Gold Plating (Nickel underplated)
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)
Interface side 2	BNC / jack (female)
Standard side 2	IEC 60169-8_MIL-STD-348A/301_CECC 22120
Outer contact, material / plating	Brass / SUCOPLATE (R) Plating
Body, material / plating	Brass / SUCOPLATE (R) Plating
Insulator, material	PFA / PTFE

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	1.15	1.25

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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	0.045 kg

Compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22649583	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
22649583	6001.00.0001

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