

**COAXIAL FIXED ATTENUATOR, 50 Ohm, 20 dB, N**

5920\_N-50-050/13-\_N

**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
N	plug (male)	IEC 60169-16_MIL-STD-348A/304_CECC 22210
N	jack (female)	IEC 60169-16_MIL-STD-348A/304_CECC 22210

**Electrical data**

Impedance	50Ω
Operating frequency	0 GHz ... 6 GHz
Attenuation nominal	20 dB
VSWR	1.25
Return loss	19.1 dB

**Electrical Data (frequency related)**

Frequency range	Attenuation deviation	VSWR max
0 GHz to 6 GHz	+/- 0.6 dB	1.25

**Electrical Data (power)**

Average power	50 W at 25 °C ambient temperature. Linearly derated to 5 W at 100 °C ambient temperature.
Peak power	1000 W, 5 μs pulse width, 2 % duty cycle

**Interface and material data**

Interface	N / plug (male)	
<b>Piece parts</b>	<b>Material</b>	<b>Plating</b>
Centre contact	Brass	Gold Plating (without Nickel underplating)
Outer conductor	Brass	Tri-metal Plating
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	

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Interface and material data		
Coupling nut	Brass	Tri-metal Plating
Interface	N / jack (female)	
<b>Piece parts</b>	<b>Material</b>	<b>Plating</b>
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Brass	Tri-metal Plating
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	

Mechanical data	
Weight	1.1 kg

Environmental data	
Operation temperature	-55 °C ... 125 °C

Ordering Information Table	
Item number	Item description
85177206	5920_N-50-050/13-_NE

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