

COAXIAL FIXED ATTENUATOR, 50 Ohm, 20 dB, N

5920_N-50-1/133_N

Properties

- Wide range of interfaces
- Fixed attenuation level from 0 dB up to 40 dB
- 50 Ω or 75 Ω impedance
- 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	50 Ω
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	+/- 0.8 dB	1.25

Electrical Data (power)

Average power	100 W at 25 °C ambient temperature. Linearly derated to 10 W at 100 °C ambient temperature.
Peak power	5000 W, 5 μ s pulse width, 0.5 % duty cycle

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Interface and material data		
Interface	N / plug (male)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)
Interface	N / jack (female)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	

Mechanical data	
Weight	1.45 kg

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

Ordering Information Table	
Item number	Item description
85177207	5920_N-50-1/133_NE

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