

COAXIAL TERMINATION, 50 Ohm, N, plug (male)

6506.17.0001

Properties

- Various bandwidth
- Impedance matched
- Standard or precision types
- Low and medium power



Product configuration		
Interface	Gender	Standard
N	plug (male)	IEC 60169-16_MIL-STD-348A/304_CECC 22210

Electrical data	
Impedance	50Ω
Operating frequency	0 GHz ... 6 GHz
VSWR	1.25
Return loss	19,1 dB

Electrical Data (frequency related)		
Frequency range	VSWR max	Return loss
0 GHz to 2 GHz	1.1	
2 GHz to 4 GHz	1.2	
4 GHz to 6 GHz	1.25	

Electrical Data (power)	
Average power	6 W at 40 °C ambient temperature. Linearly derated to W at 125 °C ambient temperature.
Peak power	1000 W, 5 μs pulse width, 0.05 % duty cycle
Electrical remarks	For input power not exceeding 100 mW, VSWR power coefficient typical 0,005/watt. For input power not exceeding 100 mW, VSWR power coefficient typical 0,005/watt.

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Interface and material data		
Interface	N / plug (male)	
Piece parts	Material	Plating
Centre contact	Bronze	Gold Plating (without Nickel underplating)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Aluminium	
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Piece parts	Material	Plating

Mechanical data	
Weight	0.075 kg

Environmental data	
Operation temperature	-40 °C ... 125°C

Ordering Information Table	
Item number	Item description
22659464	6506.17.0001

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