

**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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<b>Interface and material data</b>		
Interface	N / plug (male)	
<b>Piece parts</b>	<b>Material</b>	<b>Plating</b>
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)	
<b>Piece parts</b>	<b>Material</b>	<b>Plating</b>

<b>Mechanical data</b>	
Weight	0.075 kg

<b>Environmental data</b>	
Operation temperature	-40 °C ... 125°C

<b>Ordering Information Table</b>	
Item number	Item description
22659464	6506.17.0001

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