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DATA SHEET

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

6525.17.AA

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 ... 5 GHz
VSWR	1.2
Return loss	20.8 dB

Electrical Data (frequency related)		
Frequency range	**VSWR max**	**Return loss**
0 GHz to 2 GHz	1.1	26.4 dB
2 GHz to 5 GHz	1.2	20.8 dB

Electrical Data (power)	
Average power	25 W at 25 °C ambient temperature. Linearly derated to W at 150 °C ambient temperature.
Peak power	1500 W, 5 µs pulse width, 0.05 % duty cycle

Interface and material data		
Interface	N / plug (male)	
Piece parts	**Material**	**Plating**
Centre contact	Brass	Gold Plating (without Nickel underplating)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	

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Interface and material data		
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Piece parts	**Material**	**Plating**

Mechanical data	
Weight	0.147 kg

Environmental data	
Operation temperature	-40 °C ... 150°C

Ordering Information Table	
Item number	Item description
22642248	6525.17.AA

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