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DATA SHEET

FEED THROUGH TERMINATION, 50 Ohm, N

6701.17.A

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

Electrical data	
Impedance	50Ω
Operating frequency	0 GHz ... 0.5 GHz
VSWR	1.3
Return loss	17.7 dB

Electrical Data (frequency related)		
Frequency range	**VSWR max**	**Return loss**
0 GHz to 0.2 GHz	1.12	
0.2 GHz to 0.5 GHz	1.3	

Electrical Data (power)	
Average power	0.5 W at 70 °C ambient temperature. Linearly derated to W at 125 °C ambient temperature.
Peak power	500 W peak power

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	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

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Interface and material data		
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Interface	N / jack (female)	
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Mechanical data	
Weight	0.066 kg

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

Ordering Information Table	
Item number	Item description
22644916	6701.17.A

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