

**FEED THROUGH TERMINATION, 50 Ohm, BNC**

6701.01.A

**Properties**

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



Product configuration		
Interface	Gender	Standard
BNC	plug (male)	IEC 60169-8_MIL-STD-348A/301_CECC 22120
BNC	jack (female)	IEC 60169-8_MIL-STD-348A/301_CECC 22120

Electrical data	
Impedance	50Ω
Operating frequency	0 GHz ... 0.5 GHz
VSWR	1.25
Return loss	19.1 dB

Electrical Data (frequency related)		
Frequency range	VSWR max	Return loss
0 GHz to 0.2 GHz	1.1	
0.2 GHz to 0.5 GHz	1.25	

Electrical Data (power)	
Average power	2 W at 70 °C ambient temperature. Linearly derated to W at 130 °C ambient temperature.
Peak power	2 W, 1 μs pulse width, 2 % duty cycle

Interface and material data		
Interface	BNC / plug (male)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

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<b>Interface and material data</b>		
Gasket	VMQ (Silicone rubber)	
Interface	BNC / jack (female)	
<b>Piece parts</b>	<b>Material</b>	<b>Plating</b>
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

<b>Mechanical data</b>	
Weight	0.021 kg

<b>Environmental data</b>	
Operation temperature	-40 °C ... 130°C

<b>Ordering Information Table</b>	
Item number	Item description
22543741	6701.01.A

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