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DATA SHEET

FEED THROUGH TERMINATION, 50 Ohm, BNC

6701.01.B

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 ... 1 GHz
VSWR	1.25
Return loss	19.1 dB

Electrical Data (frequency related)		
Frequency range	**VSWR max**	**Return loss**
0 GHz to 0.1 GHz	1.05	
0.1 GHz to 0.5 GHz	1.1	
0.5 GHz to 1 GHz	1.25	

Electrical Data (power)	
Average power	0.4 W at 70 °C ambient temperature. Linearly derated to W at 130 °C ambient temperature.

Interface and material data		
Interface	BNC / plug (male)	
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	
Coupling nut	Brass	SUCOPLATE (R) Plating

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Interface and material data		
Gasket	VMQ (Silicone rubber)	
Interface	BNC / 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	0.022 kg

Environmental data	
Operation temperature	-40 °C ... 130 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22543742	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table	
Item number	Item description
22543742	6701.01.B

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.

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