chanhvinh.com

DATA SHEET

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

6506.17.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

Electrical data	
Impedance	50Ω
Operating frequency	0 GHz ... 12.4 GHz
VSWR	1.25
Return loss	19.1 dB

Electrical Data (frequency related)		
Frequency range	**VSWR max**	**Return loss**
0 GHz to 1 GHz	1.05	
1 GHz to 4 GHz	1.1	
4 GHz to 10 GHz	1.2	
10 GHz to 12.4 GHz	1.25	

Electrical Data (power)	
Average power	6 W at 40 °C ambient temperature. Linearly derated to W at 130 °C ambient temperature.
Peak power	1000 W, 5 µs pulse width, 0.05 % duty cycle

Interface and material data		
Interface	N / plug (male)	
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless Steel	

HUBER+SUHNER

chanhvinh.com

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

6506.17.A

Interface and material data		
Body	Aluminium	
Insulator	Air Dielectric - Bead - PS	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece parts	**Material**	**Plating**

Mechanical data	
Weight	0.073 kg

Environmental data	
Operation temperature	-55 °C ... 85°C

Ordering Information Table	
Item number	Item description
22550258	6506.17.A

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.

DOCUMENT PIM-P1725 / Date of publication: 09.11.2023 / uncontrolled copy