

HUBER+SUHNER® DATA SHEET

RF TERMINATION: Type 6506.17.A

Rev.: D



Description

Standard Termination, Medium Power

Product Configuration

Connector N plug (male)
Interface standard IEC 60169-16_MIL-STD-348A/304_CECC 22210



Technical Data

Electrical Data

Nominal impedance 50 Ω
Frequency range DC to 12.4 GHz
Frequency sub range (GHz) DC to 1 1 to 4 4 to 10 10 to 12.4
VSWR max. 1.05 1.1 1.2 1.25
Power rating 6 Watt average power up to 40 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature.
8 watt at max 20°C. Convection cooled.
1000 Watt peak power

Mechanical Data

Weight 0.073 kg

Environmental Data

Operating temperature -55 °C to 85 °C
2002/95/EC (RoHS) compliant

Material Data

Piece Part

Centre contact Copper Beryllium Alloy
Outer contact Stainless Steel
Body / Heat sink Aluminium
Insulator Air Dielectric - Bead - PS
Coupling nut Brass

Surface Plating

Gold Plating (without Nickel underplating)

SUCOPLATE (R) Plating

Related Documents

Outline drawing DOU-00005439

Ordering Information

Single packaging 6506.17.A

Additional Information

Remarks

Important note **! WARNING: Beryllia Ceramic Inside !** DO NOT sand, scrap or tamper with.
Dispose in accordance with all relevant regulations.

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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