Data Sheet



RF TERMINATION Type 65_SMA-50-0-1/111_N

Description

Standard Termination, Low Power



Product Configuration

Connector SMA plug (male)

Interface standards IEC 60169-15_MIL-STD-348A/310_CECC 22110

Technical Data

Electrical Data

Nominal Impedance 50 Ω Frequency range 0 to 18 GHz

Frequency sub range DC to 4 GHz 4 to 10 GHz 10 to 14 GHz 14 to 18 GHz VSWR max. 1.05 1.1 1.15 1.25

Power rating 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient

temperature.

500 Watt peak power

Mechanical Data

Weight 0.0033 kg

Environmental Data

Operating temperature -55 °C to 130 °C

Water and dust resistance IP68 (1 m, 24 h) (according to IEC 60529, data refer to the coupled state)

2011/65/EU (RoHS - including compliant 2015/863 and 2017/2102)

Material Data

Piece Part	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)

Related Documents

Outline drawing DOU-00064214

Ordering Information

 Single Packaging
 65_SMA-50-0-1/111_NE

 Bulk 100 pcs Packaging
 65_SMA-50-0-1/111_NH

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

www.hubersuhner.com

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 information purposes only.