Data Sheet

HUBER+SUHNER

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 2015/863 and 2017/2102)	compliant

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

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