

## 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  $\Omega$   
 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) 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