

## RF TERMINATION

### Type 65\_SMC-50-0-2/111\_N

#### Description

Standard Termination, Low Power



#### Product Configuration

Connector	SMC plug (male)
Interface standards	IEC 60169-9_MIL-STD-348A/312_CECC 22140

#### Technical Data

##### Electrical Data

Nominal Impedance	50 $\Omega$
Frequency range	0 to 6 GHz
Frequency sub range	DC to 3 GHz      3 to 6 GHz
VSWR max.	1.1      1.22
Power rating	1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 85 °C ambient temperature.

##### Mechanical Data

Weight	0.0015 kg
Matings	100

##### Environmental Data

Operating temperature	-40 °C to 85 °C
2011/65/EC (RoHS)	compliant

##### Material Data

Piece Part	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	Gold Plating (Nickel underplated)

#### Related Documents

Outline drawing	DOU-00008685
Packaging Single Packaging	65_SMC-50-0-2/111_NE