

## RF TERMINATION

### Type 65010\_SMA-50-1/19-\_N

#### Description

Standard Termination, Medium 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 6 GHz	6 to 12.4 GHz	12.4 to 18 GHz
VSWR max.	1.2	1.3	1.4
Power rating	10 Watt average power up to 25 °C ambient temperature, linearly derated to 2 Watt at 125 °C ambient temperature. 500 Watt peak power, 5 μs pulse, 0.05 % duty cycle		

##### Mechanical Data

Weight 0.023 kg

##### Environmental Data

Operating temperature -65 °C to 125 °C  
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
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)

#### Related Documents

Outline drawing DOU-00120801

#### Ordering Information

Single Packaging 65010\_SMA-50-1/19-\_NE  
Packaging