

## Terminations SMA, Subminiature

**DC to 18 GHz**  
**1 Watt**

MODELS: RS3016

 **RoHS**



**TEMPERATURE RANGE:** -65°C to +125°C

**CONNECTOR:** available in SMA male only

**CONSTRUCTION:** Passivated stainless steel connectors with gold plated beryllium copper contacts.

**WEIGHT:** 2.3 g (0.08 oz)

### Features

- /// **Subminiature Size and Lightweight**
- /// **Low Cost & SWR**
- /// **Cellular Applications:** Optimized for use in the wireless communications bands.

### Specifications

**NOMINAL IMPEDANCE:** 50 Ω

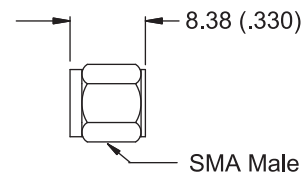
**FREQUENCY RANGE:** dc to 18.0 GHz

**POWER RATING:**

1.0 watts **average** @ 25°C ambient temperature, derated linearly to 0 watts @ 125°C. 250 watts **peak** maximum (5 μsec pulse width; 0.2% duty cycle).

### Physical Dimensions

**Model RS3016 (male only):**



NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.

MAXIMUM SWR:	
Frequency Range (GHz)	RS3016
dc - 4	1.05
4 - 8 (6)	1.10
8 - 12.4	1.15
12.4 - 18	1.20

\*\*Dimensions in brackets are expressed in millimeters and are for reference only.

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Approved for Release: April 2025/Brown

Spectrum Control reserves the right to make changes to datasheets at any time without notice.