



SMA Terminations

2001 Thru 2004 Series

Features

- Small Size
- Light Weight
- Low VSWR
- Ideal For Test and Measurement as well as System use

Frequency (GHz)	Power (W) Avg.	VSWR DC - 4 (GHz)	VSWR 4 - 12.4 (GHz)	VSWR 12.4 - 18 (GHz)	VSWR 18 - 26.5 (GHz)	Plug Part Number	Fig.	Jack Part Number	Fig.
dc - 4.0	0.5	dc - 2 1.10:0 2 - 4 1.15:1	-	-	-	2001-6500-00	2	2002-6500-00	5
	1.0	dc - 2 1.10:1 2 - 4 1.15:1	-	-	-	2001-6501-00	2	-	-
		dc - 1 1.05:1 1 - 4 1.10:1	-	-	-	2001-6151-02 ⁵	2	-	-
		dc - 1 1.05:1 1 - 4 1.10:1	-	-	-	2003-6151-02 ⁵	1	-	-
dc - 12.4	0.5	1.05:1	1.05:1	-	-	2001-6116-00	2	2002-6116-00	5
		1.05:1	1.05:1	-	-	2003-6116-00	1	2004-6116-00	4
dc - 18.0	1.0	1.05:1	1.15:1	1.15:1	-	2001-6105-00	3 ³	2002-6105-00	6 ³
		1.05:1	1.15:1	1.15:1	-	2001-6100-00	3	2002-6100-00	6
		1.05:1	1.15:1	1.20:1	-	2001-6101-00	2	2002-6101-00	5
		1.09:1 ¹	1.17:1 ¹	1.23:1 ¹	-	2001-6143-00	2	-	-
	3.0 ⁴	1.08:1 ⁴	1.15:1 ⁴	1.20:1 ⁴	-	2001-6147-00	2 ³	-	-
		1.05:1	1.05:1	1.05:1	-	2001-6118-00 ²	2	2002-6118-00 ²	5
	0.5	1.05:1	1.05:1	1.10:1	-	2001-6117-00	2	2002-6117-00	5
		1.10:1	1.10:1	1.10:1	-	2001-6111-00	2	2002-6111-00	5
		1.05:1	1.15:1	1.20:1	-	2001-6112-00	2	2002-6112-00	5
		1.10:1	1.20:1	1.30:1	-	2001-6113-00	2	2002-6113-00	5
		1.10:1	1.20:1	1.30:1	-	2001-6115-00	2 ³	2002-6114-00	5 ³
		1.05:1	1.05:1	1.10:1	-	2003-6117-00	1	2004-6117-00	4
		1.10:1	1.10:1	1.10:1	-	2003-6111-00	1	2004-6111-00	4
		1.05:1	1.15:1	1.20:1	-	2003-6112-00	1	2004-6112-00	4
1.10:1		1.20:1	1.30:1	-	2003-6113-00	1	2004-6113-00	4	
1.10:1		1.20:1	1.30:1	-	2003-6115-00	1 ³	2004-6115-00	4 ³	
dc - 26.5	1.05:1	1.10:1	1.20:1	1.30:1	-	2001-6110-00	2	2002-6110-00	5
		1.10:1	1.20:1	1.30:1	-	2003-6110-00	1	2004-6110-00	5

1. VSWR based on 1.05 + 0.01 f (GHz) Max.

2. Calibrated termination supplied with data identifying actual VSWR values at 2.0, 4.0, 12.4 and 18 GHz. Finish is gold.

3. With 2¹ monel bead chain attached to Nickel Plated Brass eyelet with 0.130 I.D. clearance hole end adds to length of device.

4. Power is derated linearly from 3 watts at ≤ 25°C. VSWR based on 1.05:1 + 0.008 f (GHz) Max.

5. Gold plated body with passivated stainless steel coupling nut.

Standard finish is gold. For passivated stainless steel, change part number suffix from -00 to -02.

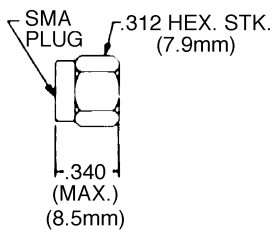


Figure 1

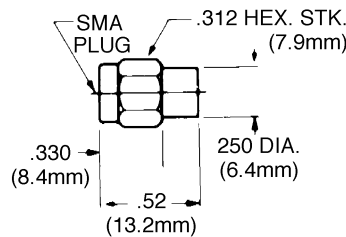


Figure 2

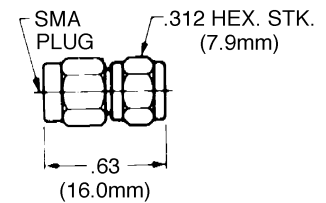


Figure 3

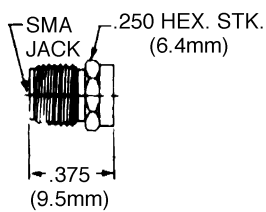


Figure 4

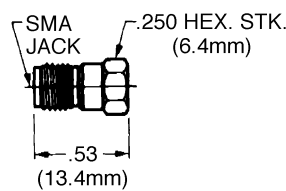


Figure 5

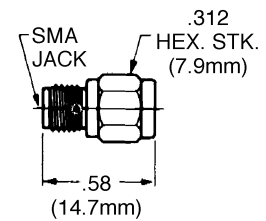
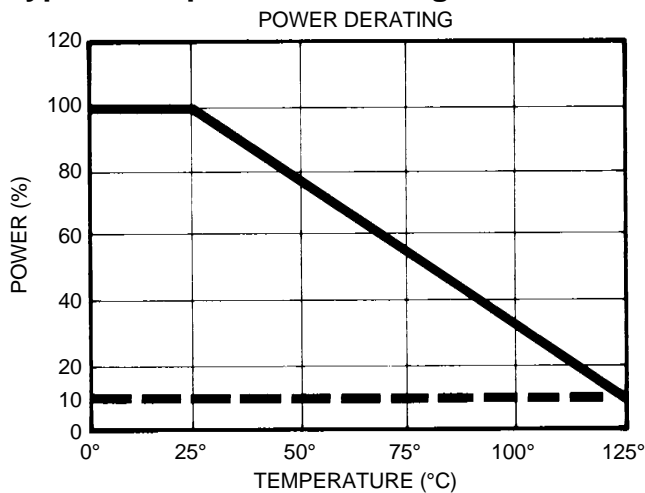


Figure 6

Typical Temperature Derating



All SMA standard model terminations are 50 ohms and are derated linearly to 10% power at 125°C. Operating temperature range is -54 to +125°C.