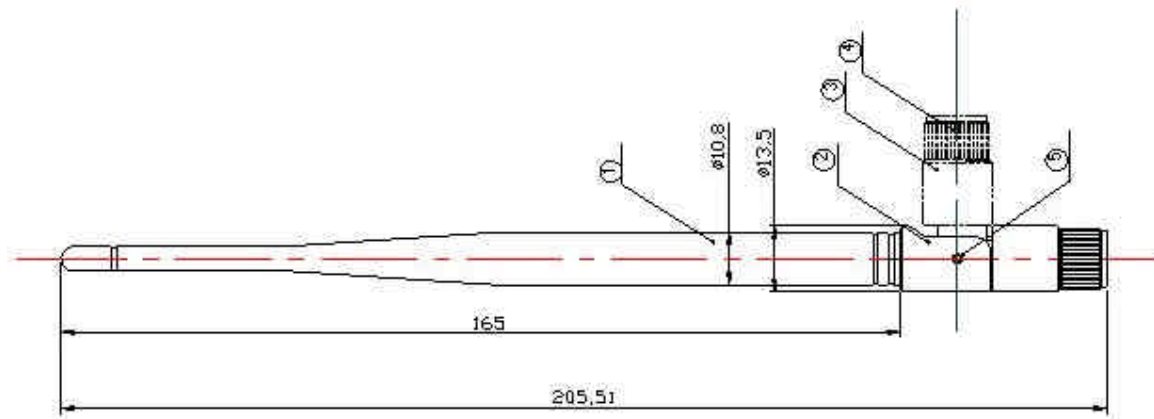


LPRS Antenna 2.4GHz**Figure 1 right-angled SMA**

1. Application: Transceiver purposes
2. Dimensions: As per drawings
3. Materials:
4. Electrical Characteristics
 - i) Resonant Frequency: 2.4GHz
 - ii) Return Loss: -17 dB or less
 - iii) Radiation Pattern: Omni Directional
 - iv) Polarization: Vertical
 - v) Standing Wave Ratio(S.W.R.): = 1.7
 - vi) Insulation resistance: 500Mohm @ DC 500V
5. Pulling test performance
 - i) Between sleeve and cap: 6.8Kg for 3 sec
 - ii) Between connector and sleeve: 6.8kg for 3 sec
 - iii) Between coaxial wire and connector: 6.8kgs for 1 min
6. General Characteristics
 - i) Storage Temperature: -30° to + 75°
 - ii) Operating Temperature: -30° to + 75°
 - iii) Vibration Test: There shall be no defects in appearance or the mechanical and electrical functions after the antenna being tested by regular mounting device under the following conditions:
 - a) Displacement: ±5° of axis original position
 - b) Duration: 1000 cycles/minute
 - c) Time: 5 minutes

**Figure 2**

Shock Resistance: Satisfy the electrical and mechanical characteristics after drop down with 100g upon rubber block

Product Order Codes

Description	Order Code
2.4GHz Antenna with right-angled male SMA connector	ANT-2.4G

Please contact the sales office for availability and other variants of the standard product.

Document History

Issue	Date	Revision
1-0	Jan 2005	Preliminary

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For further information or technical assistance please contact:

Tel: +44 (0)1993 709418
 Fax: +44 (0)1993 708575
 Web: <http://www.lprs.co.uk>
 Email: info@lprs.co.uk

Low Power Radio Solutions Ltd
 Two Rivers Industrial Estate
 Station Lane
 Witney
 Oxon
 OX28 4BH
 England



Web: <http://www.easy-radio.co.uk>

The above address is a dedicated web site for Easy-Radio