LPRS Antenna 900MHz

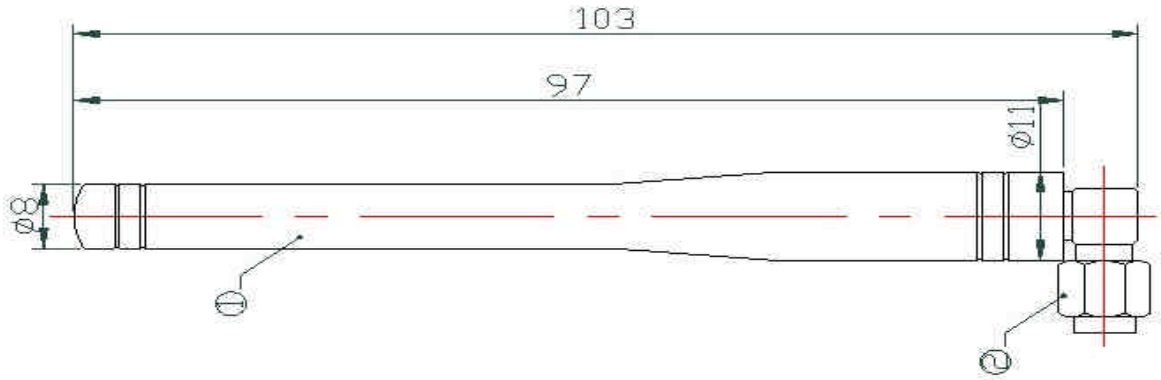

Figure 1 right-angled SMA

Figure 2

1. Application: Transceiver purposes
2. Dimensions: As per drawings
3. Materials:
4. Electrical Characteristics
   - i) Resonant Frequency: 900MHz
   - 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: 6.8Kg for 1min
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
   - iv) Shock Resistance: Satisfy the electrical and mechanical characteristics after drop down with 100g upon rubber block

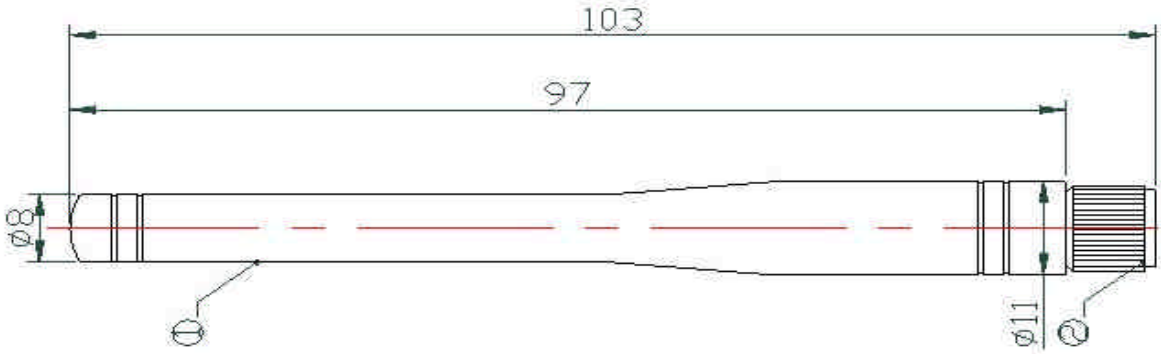

Figure 3 straight SMA

Product Order Codes

Description	Order Code
900MHz Antenna with straight male SMA connector	ANT-900MS
900MHz Antenna with right-angled male SMA connector	ANT-900MR

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:

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

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

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

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