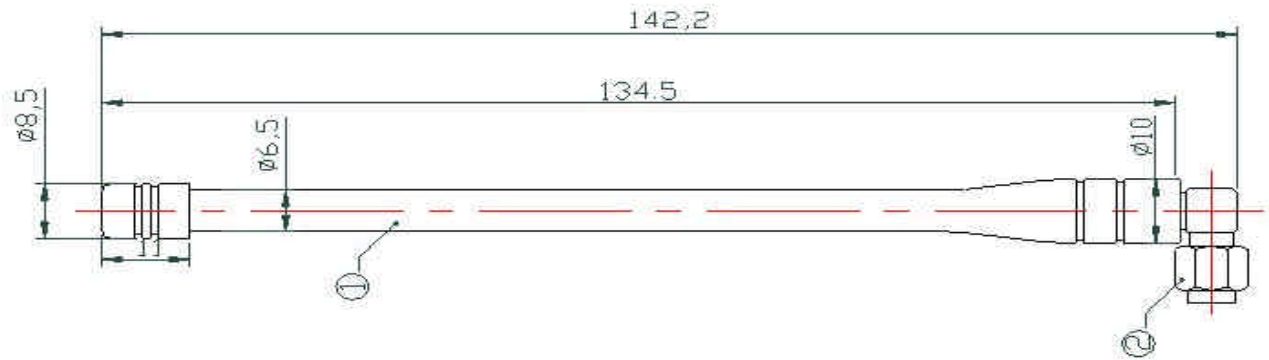
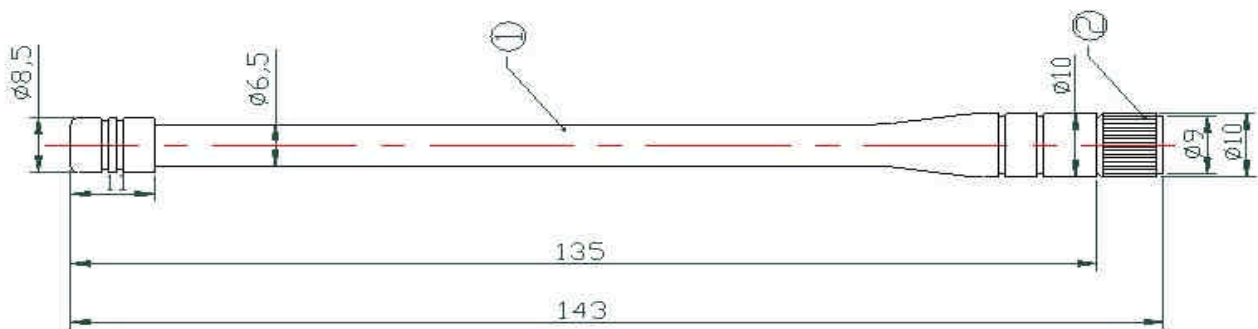


**LPRS Antenna 433MHz****Figure 1 right-angled SMA**

1. Application: Transmitter Receivers Transceivers.
2. Dimensions: As per drawings
3. Materials:
4. Electrical Characteristics
  - i) Resonant Frequency: 433MHz
  - 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
  - iv)
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

**Figure 3 straight SMA**

## Product Order Codes

Description	Order Code
433MHz Antenna with straight male SMA connector	ANT-433MS
433MHz Antenna with right-angled male SMA connector	ANT-433MR

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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