

Series Part Numbers

| Connector Code<br>-XX- | Description               | P / N        |
|------------------------|---------------------------|--------------|
| AM                     | SMA Plug                  | S131AM-2450S |
| AH                     | SMA Plug Reverse Polarity | S131AH-2450S |
| AT                     | SMA Plug Reverse Thread   | S131AT-2450S |

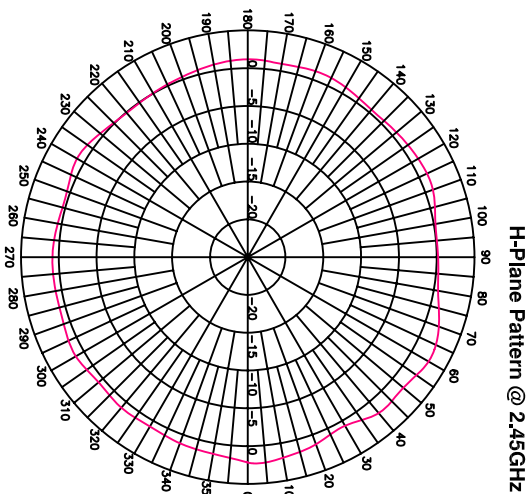
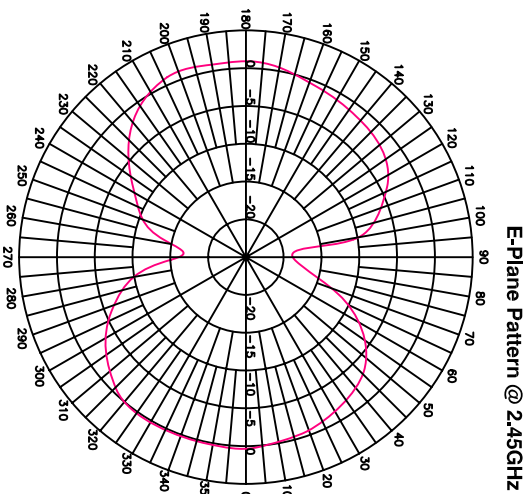
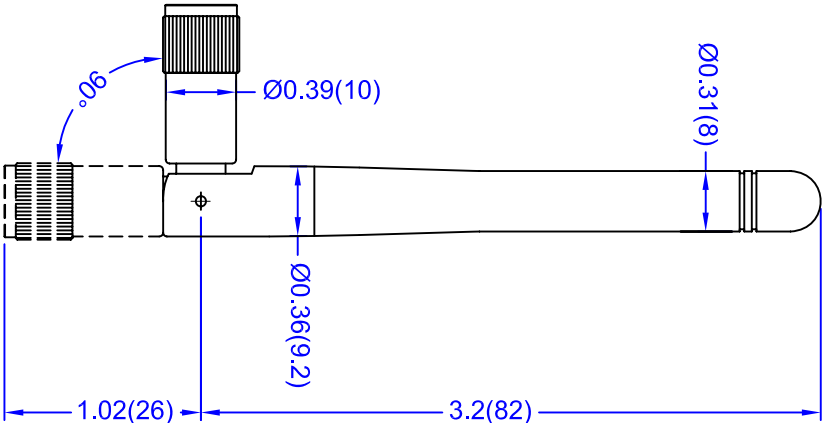
Electrical Properties:

|                  |                  |
|------------------|------------------|
| Frequency Range: | 2.4~2.5 GHz      |
| Impedance:       | 50Ω nominal      |
| VSWR:            | <2.0:1           |
| Gain:            | 2 dBi            |
| Radiation:       | Omni             |
| Polarization:    | Vertical         |
| Wave:            | Half Wave Dipole |

Mechanical Properties:

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Connector:                        | SMA type                        |
| Material:                         | Polyurethane(Black)             |
| Whip:                             | Polycarbonate(Black)            |
| Swivel Mechanism:                 | Brass with black chrome plating |
| Connector:                        |                                 |
| Operation Temp.:                  | -20° C to +65° C                |
| Storage Temp.:                    | -30° C to +75° C                |
| This is a RoHS compliant product. |                                 |

Connector Interface



|         |  |                                  |  |           |        |
|---------|--|----------------------------------|--|-----------|--------|
| TITLE   |  | 2.4GHz Swivel Antenna -131 Model |  | Rev. Date | SHEET  |
| UNIT    |  | DWG. NO.                         |  | 01/04/06  | 1 of 1 |
| in.(mm) |  | S131XX-2450S                     |  |           |        |
| SCALE   |  |                                  |  |           |        |
| 1:1     |  |                                  |  |           |        |

NEARSON