

Series Part Numbers

| Connector Code<br>-XX- | Description               | P / N      |
|------------------------|---------------------------|------------|
| AM                     | SMA Plug                  | L324AM-434 |
| AH                     | SMA Plug Reverse Polarity | L324AH-434 |

Electrical Properties:

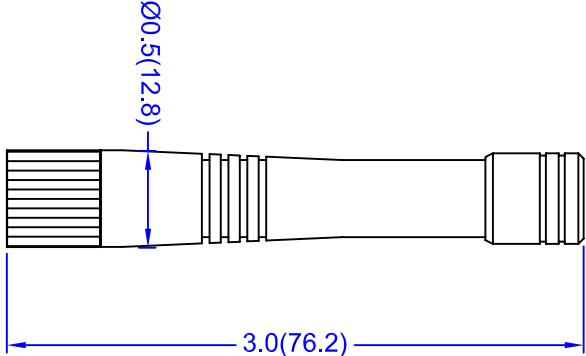
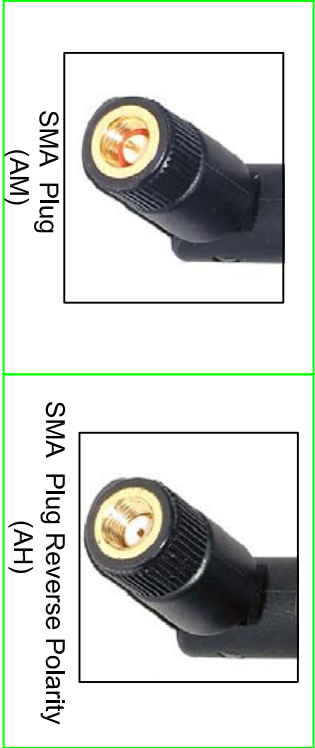
|                  |                |
|------------------|----------------|
| Frequency Range: | 433~435 MHz    |
| Impedance:       | 50-ohm nominal |
| VSWR:            | <2.0:1         |
| Gain:            | 0 dBi          |
| Radiation:       | Omni           |
| Polarization:    | Vertical       |
| Wave:            | 1/4 wave       |

Mechanical Properties:

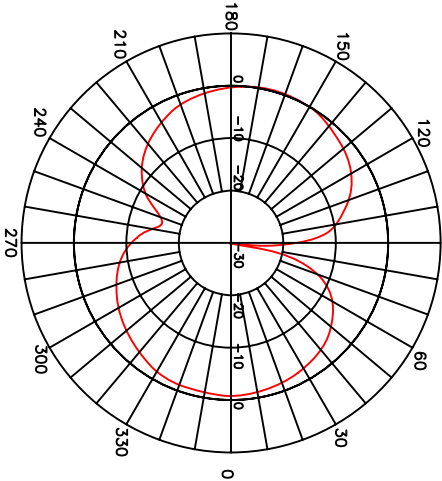
|                  |                                 |
|------------------|---------------------------------|
| Connector:       | SMA type                        |
| Material:        | Polyurethane(Black)             |
| Whip:            | Brass with black chrome plating |
| Connector:       |                                 |
| Operation Temp.: | -20°C to +65°C                  |
| Storage Temp.:   | -30°C to +75°C                  |

This is a RoHS compliant product.

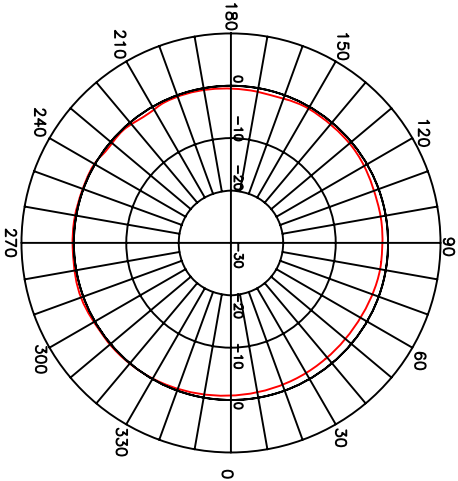
Connector Interface



E-Plane Pattern @ 434 MHz



H-Plane Pattern @ 434 MHz



|         |  |                                       |  |           |        |
|---------|--|---------------------------------------|--|-----------|--------|
| TITLE   |  | UHF Band Straight Antenna - 324 Model |  | Rev. Date | SHEET  |
| UNIT    |  | DWG. NO.                              |  | 04/29/06  | 1 of 1 |
| in.(mm) |  | L324XX - 434                          |  |           |        |
| SCALE   |  |                                       |  |           |        |
| none    |  |                                       |  |           |        |

NEARSON