

SG900-6 Collinear Antenna

Antenna for use with ELPRO 868/900 MHz products



Description

The SG900-6 Collinear Antenna is a ground-independent antenna suitable for the ELPRO 868 MHz and 900 MHz product range. The antenna is vertically polarized, with an omnidirectional radiation pattern, a fiberglass radome, and an aluminum mounting tube.

These antennas require mounting brackets to secure them in place. ELPRO recommends the BR-COL-KIT mounting kit for best results.

Specifications

| SPECIFICATION | DESCRIPTION |
|--------------------|--|
| Parameters | |
| Frequency | 865–870 MHz 900–930 MHz |
| Gain | 8 dBi |
| Bandwidth | 65 MHz |
| VSWR | <1.5:1 across bands |
| Polarization | Vertical |
| H-plane | Omnidirectional |
| Termination | |
| Termination | N-type female |
| General | |
| Size | 4.5' (1.37m) |
| Housing | Fiberglass/radome |
| Mounting | 0.8" (20 mm) OD aluminum tube, use the BR-COL-KIT mounting kit |
| Weight | 1.5 lbs (0.7 kg) |
| Wind loading | 15.4 lbs (7 kg) at 99 mph (160 km/h) |

Note: Specifications are subject to change.

Ordering

| PRODUCT CODE | DESCRIPTION | FREQUENCY |
|--------------|--|-------------|
| SG900-6 | Collinear antenna, N-type female, 8 dBi gain | 865–930 MHz |

Product Compatibility

| PRODUCT CODE | DESCRIPTION | DATA SHEET |
|-----------------------|--|------------|
| Power Supplies | | |
| BR-COL-KIT | Mounting bracket kit for collinear antenna | TD032071EN |



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