



UPA 6192 PRECOMPLIANCE ANTENNA 30 to 2000 MHz



UPA 6192 on tripod CTP 6098

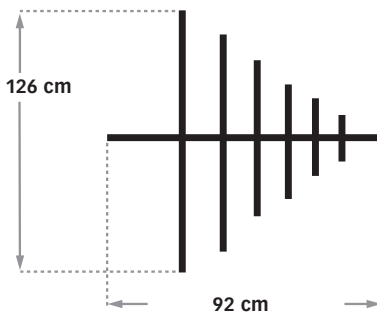
- 30 MHz to 2000 MHz
- 200 W power handling
- Robust and lightweight
- Optimized for precompliance testing of immunity and emission

The UPA 6192 antenna is hybrid antenna with the characteristics similar to a broad band dipole in the range 30- 200 MHz and a log periodic antenna in the range 200-2000 MHz. The adaptor mount also assists in easy rotation of the polarization between horizontal and vertical.

The antenna mount attaches the UPA 6192 to the supplied tripod CTP 6098. This contains almost no metal, so minimizes the effect of the mounting on the antenna.

Technical specifications

| | |
|--|---|
| Frequency range: | 30 MHz to 2000 MHz |
| Antenna Factor (typical) | |
| 30 MHz: | 20 dB/m |
| 60 MHz: | 8 dB/m |
| 300 MHz: | 14 dB/m |
| 500 MHz: | 18 dB/m |
| 1000 MHz: | 24 dB/m |
| 2000 MHz: | 30 dB/m |
| Typical gain (over isotropic): | 6 dB (above 150 MHz) |
| Impedance (nominal): | 50 Ω |
| VSWR (typical above 100 MHz): | 1.5:1 |
| Beam width (typical) | |
| E plane: | 100° at 30 MHz 70° 200 MHz to 2000 MHz |
| H plane: | 150° 200 MHz to 2000 MHz |
| Connector: | N type female |
| Maximum continuous power: | 200 W |
| Size (L x W x H in m): | approx. 0.92 X 1.26 x 0.6 (see drawing) |
| Weight: | approx. 2 kg |
| Height variation with tripod CTP 6098: | 1.2 to 2.0 m |



Delivery information

| Part number | Description |
|-------------|---|
| 346-570 | UPA 6192 BiLog antenna and tripod CTP 6098 for pre-compliance applications 30 MHz - 2 GHz, no calibration available |
| 348-809 | CHA 9434 To fit UPA 6190/6192 onto tripod CTP 6097A or BTP 6020 |