

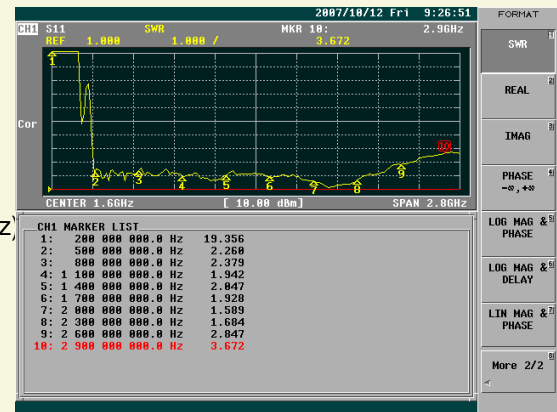
DATASHEET

Antenna model UL-190A-B376

The UL-190A-B376 is a broadband directional antenna, providing continuous communications coverage across the spectrum of 750-2700 MHz. Its many applications include rapid deployment of emergency UHF communications, Hopping or Simultaneous Multi-band Wireless LAN/MAN/WAN, military LOS operations, frequency hopping and jamming sources, spectrum monitoring and management, surveillance, radio scanners, global and wide area SCADA systems and metrology. Relevant applications include:

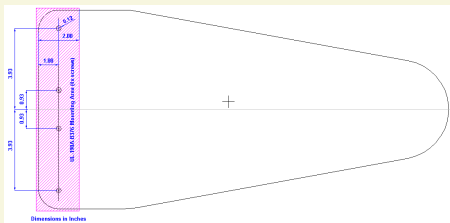


- **Multi-band Cellular Phone/Mobile Phone** (all standards: EU & US GSM, AMPS, CDMA, TDMA, UMTS, iDEN, Video Broadcast; 2G, 3G and 4G)
- **Wi-Fi, WiMax, WLAN/MAN/WAN, 802.11/b/g** (2400-2485 MHz)
- **800 MHz wireless MODEMS**
- **700 MHz APCO and 800 MHz Re-banding**
- **900 MHz MODEMS** (ISM 902-928 MHz)
- **Telemetry** (800, 900, 1400, 2400 MHz)
- **Military LOS and SATCOM** (1750-1850 MHz)
- **Licensed Broadband MODEMS** (2.3, 2.5-2.8 GHz)
- **Wireless Cable Television, Broadcast and Interactive** (2.5-2.7 GHz)

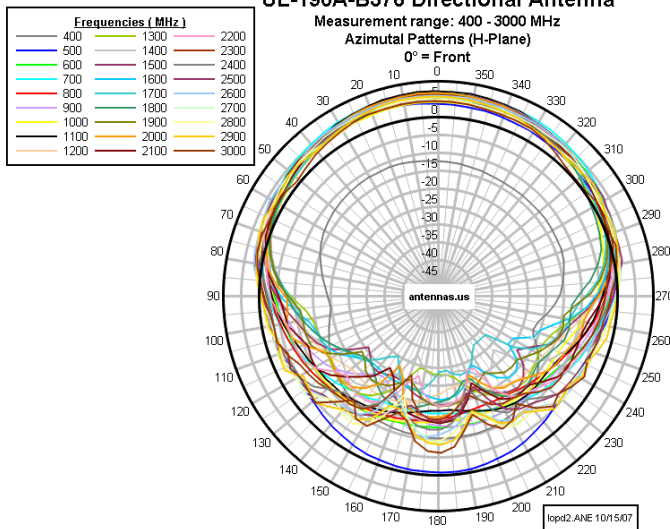


TECHNICAL SPECIFICATIONS:

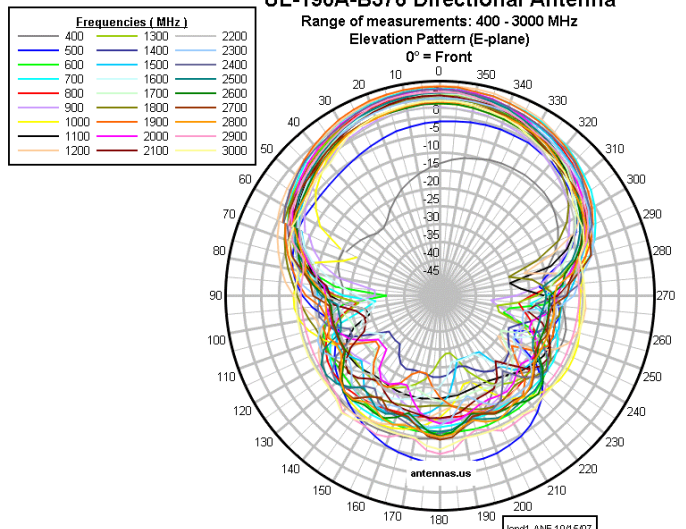
- Frequency range:** 750-2700 MHz
- Coverage:** Directional
- Polarization:** Linear, typically Vertical
- Peak Gain:** +7 dBil
- Nominal Impedance:** 50 ohm (RF), Short Circuit at DC
- Input Power:** 50 Watts CW
- VSWR:** 3.0 (at upper band edge, otherwise <2.0)
- Connector:** SMA, Female
- Dimensions:** 51cm (20") L x 25cm (10") H x 1cm (0.4") W
- Mounting:** 4 screws, 1/4"-20 (M6)
- Operating Temperatures:** -40°C to +85°C



UL-190A-B376 Directional Antenna



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Specifications and prices are subject to change without notice