

ADB-UHD / ADB-UVD

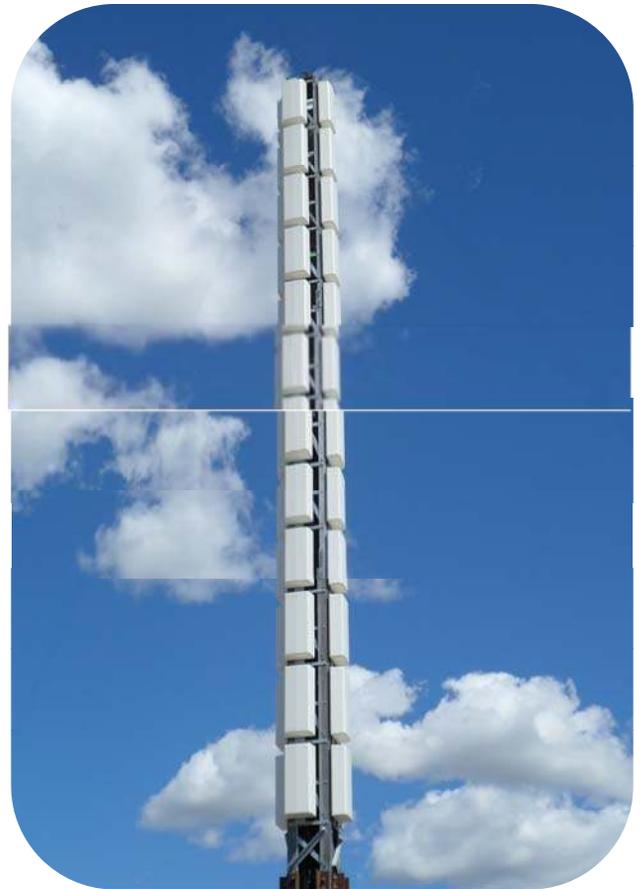
Horizontal/Vertical Polarized Broadband UHF Panel Antenna



Product Description

The broadband panel is designed to be used as part of antennas where either horizontally or vertically polarized propagation is required. ADB-UHD & ADB-UVD models are engineered and best used for digital/analog TV and mobile video.

Built with corrosion resistant stainless steel aluminum reflecting panels results in long lasting durability. The ADB-UHD & ADB-UVD antenna is based on a modular design and can be configured to provide various azimuth and elevation patterns. By using optional beam tilt and null fill, the elevation pattern can be shaped to maximize coverage



TYPICAL SPECIFICATIONS

Polarization	Horizontal (ADB-UHD) Vertical (ADB-UVD)
Frequency Range	470-860 MHz
Impedance	50 ohm
VSWR	1.1:1
Surface	4.8 square ft / 1.46 m
Power Rating	2.5 kW per Panel

Alan Dick Broadcast Ltd

Design, supply & manufacture communication infrastructure systems on a global scale by offering products and services for Wireless networks.

• Americas • Asia Pacific • Europe • Middle East

© Alan Dick Broadcast Ltd

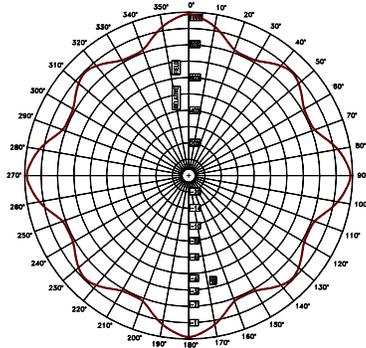
www.alandickbroadcast.com

ADB-UHD / ADB-UVD

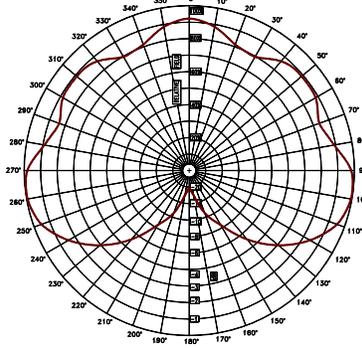
Horizontal/Vertical Polarized Broadband
UHF Panel Antenna



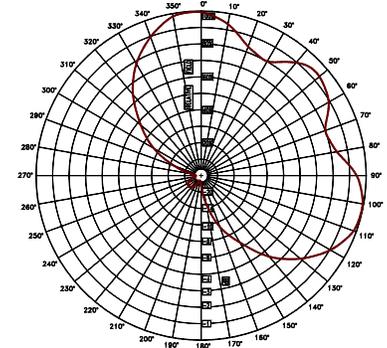
Standard Azimuth Patterns



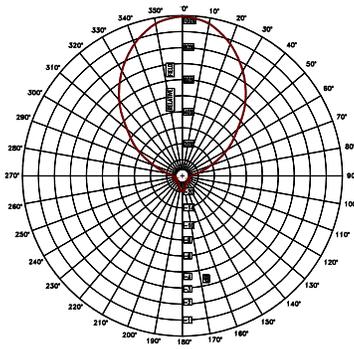
Omni



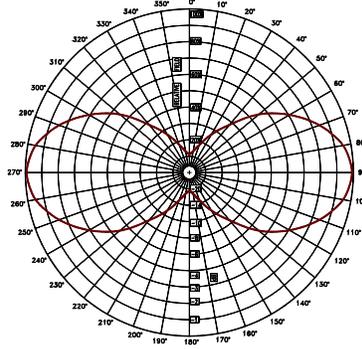
Wide Cardioid



Narrow Cardioid



Lobe



Peanut

All inputs EIA flange, female. In an omni-directional configuration, circularity is +/-2 dB (3 ft./0.91m or smaller). Input connection is EIA 50 ohm.

For assistance in pattern selection or design of a customized pattern, contact Alan Dick. Our Engineers and Sales Staff are highly trained in designing specialized systems, and are always willing to help.

Alan Dick Broadcast Ltd

Design, supply & manufacture communication infrastructure systems on a global scale by offering products and services for Wireless networks.

• Americas • Asia Pacific • Europe • Middle East

© Alan Dick Broadcast Ltd

www.alandickbroadcast.com