

ADB-SS

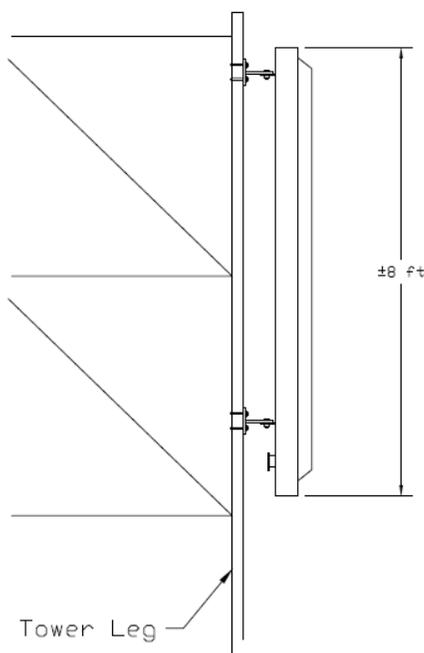
Super Slot Low & Medium Power TV Antenna System



Product Description

The super slow low and medium power TV antenna systems are enhanced, low power slot antennas for DTV Channels 14-69 (470 to 860 MHz.). Low purchase price coupled with outstanding performance allows stations an uncompromising performance antenna that meets the critical coverage needs of growing stations.

This antenna series is a group of horizontally polarized UHF antennas developed to handle up to 2 kW DTV (average) or 3 kW analog (NTSC) input power. Because this product family was designed to be low weight and wind load, it can be used on many stations existing analog towers with little or no structural changes. Installation can be side or optional top mount.



TYPICAL SPECIFICATIONS

Frequency Range	470-860 MHz
VSWR	1.1:1 for one channel 1.25:1 for two channels 1.35:1 for three channels*
Power Rating	1 kW to 90 kW up to 2 kW
Impedance/Type	50 ohm / EIA Flange: 7/8" & 1-5/8" female

Alan Dick Broadcast Ltd

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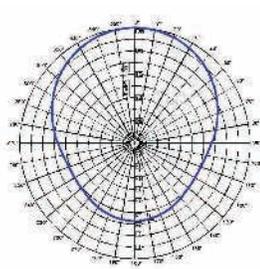
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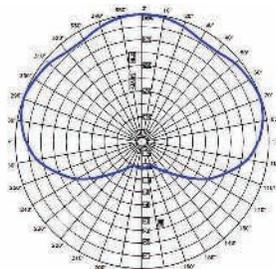
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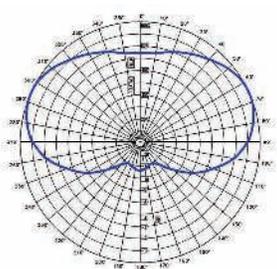
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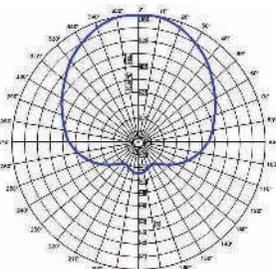
Omnoid



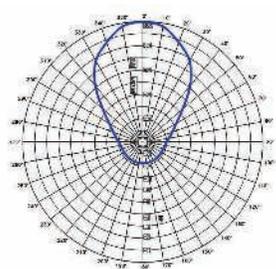
Cardioid



Peanut



Medium Cardioid



Narrow Lobe

TYPICAL SPECIFICATIONS

# BAYS	Omni	Cardioid	Peanut	Medium-Cardioid	Lobe	Height	Weight	Windloads
8	*8.0x *9.03 dBd 15.39x 11.87 dBd	13.1x 11.17 dBd	15.2x 11.12 dBd	20.4x 13.0 dBd	35.2x 15.47 dBd	Contact Factory		
12	*12.0x *10.8 dBd 21.49x 13.32 dBd	19.7x 12.95 dBd	22.9x 13.6 dBd	30.6x 14.8 dBd	52.9x 17.24 dBd			
16	*16.0x *12.0 dBd 28.2x 14.5 dBd	26.2x 14.18 dBd	30.5x 14.18 dBd	40.8x 16.1 dBd	70.5x 18.48 dBd			

*Value provides average/RMS gain; All other stated gains are Peak gains. Gains do not include losses for feed system , beam tilt, or null full.

Pattern Measurement Service

Optional full size pattern measuring allows observing 'real world' conditions. This service provides from measured variations of the Free Space pattern on a full size duplication of your tower to help determine the optimum mounting arrangement for maximum coverage.

*Omnioid Pattern #1 standard, other patterns optionally available Optional top mount available. Weights and wind loads vary with frequency and are based on 50/33 PSF. Dimensions may vary with frequency, CH26 shown. Optional Patterns # 33, 9, 5 and 7 shown.

Specifications are subject to change without notice.

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