

ADN/ABN/ADNA MNIDIRECTIONAL ANTENNA

ADN (N-type connector) and **ADB (BNC connector)** are wideband, UHF omnidirectional antennas (400-937 MHz) designed to enhance reception by providing approx. gain of 3.2 dBi.

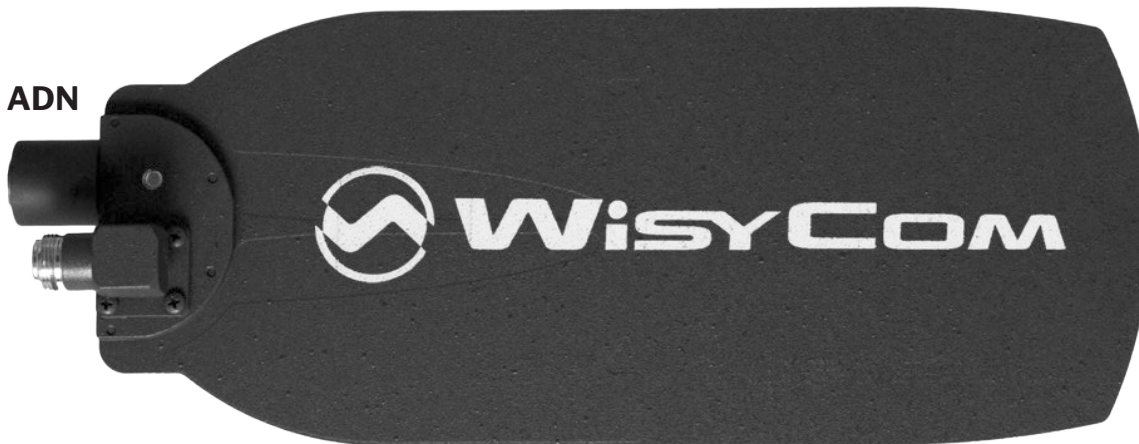
The **ADNA UHF** Omnidirectional Antenna includes an **ADN with attached 18dB amplifier** adjustable in 1dB increments (470-870 MHz). *Bypassing the amplifier will increase bandwidth to 400-937MHz.

TECH SPECS

Frequency:	ADNA (470÷870 MHz)*, ADN (400÷937) ADB (400÷937)
Input/output impedance:	50 ohms
SWR:	< 1:1.5 in the range 450÷870 MHz < 1:1.9 in the range 400÷937 MHz
Connectors:	N-type (ADN, ADNA) or BNC (ADB)
Booster Gain (max):	0÷18 dB (typical), selectable in step of 1 dB (+/- button)
OIP3:	+43 dBm (Output 3° order Intercept Point) typical
Booster Gain flatness:	1 dB, in the whole working window.
Powering:	+12 V, 100mA
Material:	Epoxy fiberglass (copper - clad)
Finishing:	Black matte
Mounting:	5/8" with worth or 3/8" with adapter
Weight:	235 g (ADB), 385 g (ADN) (300 g) ADNA

TYPICAL CABLE ATTENUATION / 100M

Cable type	Diameter (mm)	Attenuation @ 400 MHz	Attenuation @ 900 MHz
RG 58 C/U	4.95	32 dB	52 dB
RG 213 /U	10.3	13 dB	22 dB
RG 218 /U	22.1	7 dB	14 dB
Cellflex - ¼" foam dielectric	8.8	8.4 dB	12.8 dB



Subject to change without notice 