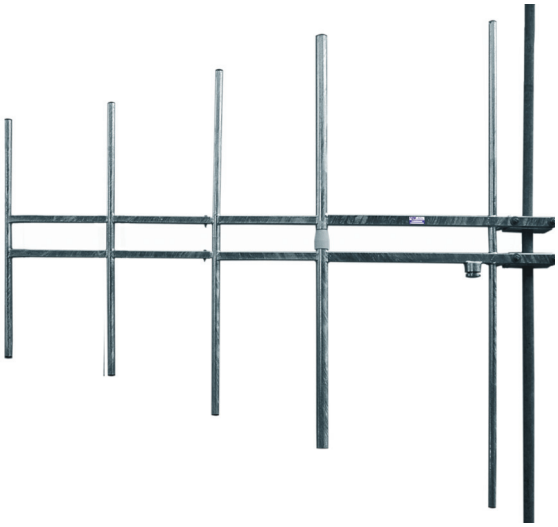
ADR3 ADR5

THESE BROADBAND DIRECTIONAL ANTENNAS ARE AVAILABLE IN TWO VERSIONS WITH 3 OR 5 ELEMENTS. THEY ARE MADE OF HOT GALVANIZED STEEL AND ARE ESPECIALLY DESIGNED FOR MEDIUM AND HIGH OUTPUT POWER TRANSMITTERS.
THE ROBUST DESIGN OF THESE ANTENNAS MAKE THEM SUITABLE FOR ANY CLIMATE CONDITIONS AND LIFETIME DURATION. HIGH QUALITY AND SELECTED MATERIALS HAVE BEEN USED IN ANY DETAILS: ALL INSULATORS ARE MADE OF PTFE AND THE SCREWS ARE STAINLESS STEEL. THE METALLIC PARTS ARE ELECTRICALLY GROUNDED.
THE ADR 3 MODEL IS ALSO AVAILABLE FOR 140-174 MHZ BAND AND 174 – 215 MHZ.
THESE AERIALS CAN BE DISASSEMBLED IN TWO PARTS, THUS ALLOWING LOWER FREIGHTING COSTS.



SPECIFICATIONS	ADR3	ADR5
Rf output power	600 – 1500 - 3000 W	600 – 1500 - 3000 W
Input Connector	N – 7/16 – 7/8	N - 7/16 - 7/8
Polarization	Vertical	Vertical
Weight	10 Kg	17 Kg
Gain (Referred to Half-Wave Dipole)	5 dB	6,5 dB
H Plane - V Plane	118 ° - 70 °	118 ° - 70 °
Max Wind Velocity	200 Km/h	200 Km/h
Wind Load (with speed at 150Km/h)	21,5 Kgs.	32 Kgs.
Wind Surface	0,19 SQM	0,30 SQM
Frequency Range	87,5 ÷ 108 MHz	87,5 ÷ 108 MHz
Input Impedance	50 Ohm	50 Ohm
VSWR	≤ 1.4:1	≤ 1.4:1
Internal parts	Silver-plated brass and PTFE	
External parts	Hot Galvanized steel	
Mounting	From 60 to 120 mm diam.	
Dimensions (W x H X D) mm	1250 x 1800 x 60	1850 x 1800 x 70

CODE	MODEL	DESCRIPTION
0000170001	ADR3/N	Yagi 3 Elements galvanized steel, 600W (N connector)
0000170002	ADR3/16	Yagi 3 Elements galvanized steel, 1.5KW (7/16 connector)
0000170400	ADR3/8	Yagi 3 Elements galvanized steel, 1.5W (7/16 connector)
0000170385	ADR5/N	Yagi 5 Elements galvanized steel, 600W (N connector)
0000170401	ADR5/16	Yagi 5 Elements galvanized steel, 1.5KW (7/16 connector)
0000170402	ADR5/F	Yagi 5 Elements galvanized steel, 1.5W (7/8 connector)