



ASP-177
ASP ANTENNA

ASP-177 Specifications

Power:	150 Watts.
Gain:	3dB.
Freq. Range:	130-174 MHz.
VSWR:	Less than 1.5:1.
Impedance:	50 ohms nominal.
Radiator Material:	17-7PH stainless steel.
Whip Length:	51.5" max including spring.
Spring Material:	Stainless steel.
Base & Fittings:	Plated brass & steel.
Cable:	15' RG-58/U.
Connector:	PL-259.
Weight:	3 lbs.
Ship Dimensions:	3" x 5" x 52".



ASP-7650
ASP ANTENNA

ASP-7650 Specifications

Power:	150 Watts.
Gain:	5dB.
Freq. Range:	406-420 MHz (ASPA prefix). 420-430 MHz (ASPE prefix). 445-470 MHz (ASP prefix). 470-494 MHz (ASPB prefix). 494-512 MHz (ASPC prefix).
Bandwidth:	9 MHz.
VSWR:	Less than 1.5:1.
Impedance:	50 ohms nominal.
Radiator Material:	17-7PH stainless steel.
Whip Length:	34" max. including spring.
Base & Fittings:	Aluminum & plated steel.
Cable:	15' RG-58/U.
Connector:	PL-259.
Weight:	3 lbs.
Ship Dimensions:	3" x 5" x 52".



PAV-450 & 150
PORTABLE MIC STAND ANTENNAS *(Mic stand not included)*

PAV-450 & PAV-150 Specifications

ELECTRICAL

Power:	200 Watts.
Gain:	3dB.
Freq. Range:	144-174; MHz 450-470 MHz.
VSWR:	Less than 1.5:1.
Impedance:	50 ohms nominal.

(PAV-450 shown left)

MECHANICAL

Radiator Material:	17-7PH stainless steel.
Whip Length:	49" max; 51.5" max including spring.
Base:	Aluminum ground plane mounts on microphone stand for portable operation.
Cable:	15' RG-58/U.
Connector:	PL-259.
Weight:	5 lbs.
Ship Dimensions:	22" x 19" x 9".



MM-150 & 450 AND HPM-450
MAGNETIC MOUNT ANTENNAS

MM-150 & 450 Specifications

ELECTRICAL

Power:	200 Watts.
Gain:	3dB / 4.5dB.
Freq. Range:	144-174, 450-470 MHz.
VSWR:	Less than 1.5:1.
Impedance:	50 ohms nominal.

MECHANICAL

Radiator Material:	17-7PH stainless steel.
Whip Length:	49" max, 51.5" max including mount.
Base:	Magnetic mount.
Cable:	12' RG-58/U.
Connector:	PL-259.
Weight:	4 lbs.
Ship Dimensions:	2" x 4" x 50".

(MM-150 shown left)

HPM-450 Specifications *(not shown)*

ELECTRICAL

Power:	100 Watts.
Polarization:	Horizontal (up to 30dB isolation from nearby vertically polarized transmissions).
Pattern:	Omnidirectional.
Freq. Range:	400-512 MHz.
Bandwidth:	10 MHz.
VSWR:	Less than 1.5:1.
Impedance:	50 ohms nominal.

MECHANICAL

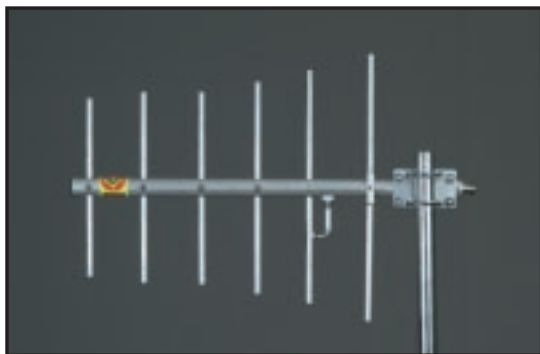
Material:	Aluminum.
Elements:	Solid 3/8" rod.
Mounting:	Heavy-duty magnetic mount.
Weight:	2 lbs.
Ship Dimensions:	30" x 10" x 9".

CALL (217) 224-9600
FAX (217) 224-9607



WEBSITE: www.martielelectronics.com

YC-SERIES YAGI ANTENNAS



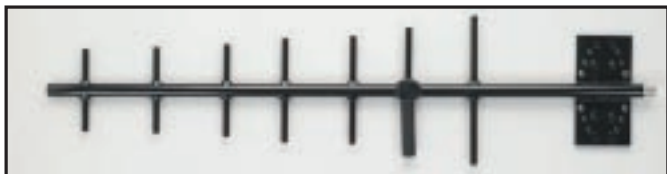
MARTI YC-series six-element yagi antennas deliver 10dB gain and come with an extended boom design for use in a wide range of applications as well as mounting styles. All functional components except the "N" female input connector are hand-fitted for field replacement.

YC-Series Specifications

Power:	300 Watts power input (500 Watts for YC-450).
Gain:	10dBd, 12.15dBi.
Bandwidth:	Frequency determined.
Frequency Range:	140 to 500 MHz (specify frequency).
VSWR:	1.5:1 or less.
F/B Ratio:	Better than 20dB.
Connector:	Type "N" female.
Pattern:	45° horizontal beam width. 60° vertical beam width 20dB + F/B ratio.
Shipping Dimensions:	Varies with frequency. Contact factory.
Shipping Weight:	Varies from 6-8 lbs depending on frequency.

Optional stacking harnesses available for the YC-Series. 2YC-150 and 2YC-450SH to increase antenna gain by 3dB.

HUSTLER-SERIES YAGI ANTENNAS



Hustler yagi antennas are highly resistant to air-borne chemicals and abrasives. All aluminum elements are completely welded to the boom to create a waterproof joint and prevent intermodulation. The black polyester powder coat painting also helps prevent ice build up.

Hustler YAGI Specifications

Power:	500 Watts maximum power input.
Gain:	10dBd, 12.15dBi.
Bandwidth:	Frequency determined.
Frequency Range:	806 to 960 MHz.
VSWR:	1.5:1 or less.
Connector:	Type "N" female.
Pattern:	55° horizontal beam width. 40° vertical beam width 20dB + F/B ratio.
Shipping Dimensions:	7" x 4" x 44".
Shipping Weight:	6 lbs.

SC-48 PARABOLIC ANTENNA



Vertically Polarized as shown.

SC-48 Specifications

Power:	100 Watts maximum power input.
Frequency:	940-960 MHz.
Bandwidth:	20 MHz.
Gain at 950 MHz:	21.05dBi (18.85dBd).
Impedance:	50 ohms.
VSWR:	1.3:1.
F/B Ratio:	23dB.
Connector:	Type "N" female.
Pattern:	16° half power beam width. 23dB F/B ratio.
FCC Category:	B.
Antenna Diameter:	4'.
Mounted Weight:	47 lbs.
Wind Loading (100mph):	225 lbs.
Mounting Pipe:	1.75" to 3.5".

SHIPPING INFORMATION

Motor freight or air freight only.

Shipping Box Size:	56" x 55" x 12".
Shipping Weight:	66 lbs.

NOTE: The SC-48 is available only in 4' diameters.

CALL (217) 224-9600
FAX (217) 224-9607



WEBSITE: www.martielelectronics.com