

# HD ANTENNA SELECTION & SPECIFICATIONS

## ANTENNA REFERENCE CHART ENGLISH

ANTENNA SERIES	MODEL	TYPE	RECEPTION RANGE (miles)		AVERAGE GAIN (dB)			ANTENNA SIZE (in)			TURNING RADIUS (in)	SHIPS VIA UPS	CEA
			VHF/FM	UHF	VHF Lo	VHF Hi	UHF	Length	Width (max)	Height			
DIGITAL ADVANTAGE	CM-2016*	HD/U/V/FM	35	35	N/A	1.5	7.7	36.5	47	22	34	Yes	MD
	CM-2018*	HD/U/V/FM	60	45	N/A	7.5	8.4	78	60	22	57.5		LD
	CM-2020*	HD/U/V/FM	60	60	N/A	7.5	9.5	91	60	22	69.5		LD
CROSSFIRE	CM-3671	U/V/FM	100	60+	5.6	10.9	10.0	173	110	35.4	95.7		LD
	CM-3679	U/V/FM	50	60	4.0	8.1	9.5	122	110	35.4	77.5		LD
ADVANTAGE	CM-3016	U/V/FM	45	30	1.2	7.9	7.7	66	83.6	22	41		MD
	CM-3018	U/V/FM	60	40	2.3	8.2	8.4	113.25	95	22	57.9		LD
	CM-3020	U/V/FM	100	60	3.6	8.6	9.5	152.25	95	22	94.4		LD
SPECIAL MARKETS	CM-3000A	U/V	45	30	Amplified Antenna			25 in (circular)		2.5	N/A		SM
	CM-3010	U/V/FM	45	30	-4.6	0.5	-1.6	15	55	2.25	30		LM
UHF ONLY	CM-4220HD CM-4220MHD	UHF	N/A	45	N/A	N/A	10.2	5.5	24.5	15.25	12		MD
	CM-4221HD	UHF	N/A	45	N/A	N/A	10.2	5.5	24.5	33	12.25		LD
	CM-4228HD	UHF	N/A	60	N/A	N/A	12.0	5.5	41	33	20.5		LD

## METRIC

ANTENNA SERIES	MODEL	TYPE	RECEPTION RANGE (km)		AVERAGE GAIN (dB)			ANTENNA SIZE (cm)			TURNING RADIUS (cm)	SHIPS VIA UPS	CEA
			VHF/FM	UHF	VHF Lo	VHF Hi	UHF	Length	Width (max)	Height			
DIGITAL ADVANTAGE	CM-2016*	HD/U/V/FM	56	56	N/A	1.5	7.7	93	119	56	86	Yes	MD
	CM-2018*	HD/U/V/FM	96	72	N/A	7.5	8.4	197	152	56	146		LD
	CM-2020*	HD/U/V/FM	96	96	N/A	7.5	9.5	230	152	56	177		LD
CROSSFIRE	CM-3671	U/V/FM	161+	96+	5.6	10.9	10.0	440	280	90	243		LD
	CM-3679	U/V/FM	80	96	4.0	8.1	9.5	301	280	90	197		LD
ADVANTAGE	CM-3016	U/V/FM	72	48	1.2	7.9	7.7	168	212	56	104		MD
	CM-3018	U/V/FM	96	64	2.3	8.2	8.4	288	241	56	147		LD
	CM-3020	U/V/FM	161	96	3.6	8.6	9.5	387	241	56	240		LD
SPECIAL MARKETS	CM-3000A	U/V	72	48	Amplified Antenna			64 (circular)		6	N/A		SM
	CM-3010	U/V/FM	72	48	-4.6	0.5	-1.6	38	140	8	76		LM
UHF ONLY	CM-4220HD CM-4220MHD	UHF	N/A	72	N/A	N/A	10.2	14	62	39	30		MD
	CM-4221HD	UHF	N/A	72	N/A	N/A	10.2	14	62	84	25.4		LD
	CM-4228HD	UHF	N/A	96	N/A	N/A	12.0	14	104	84	52		LD

\*VHF high band only.

