

Antennas: AMPS/Trunking/CDMA

The DrawCom range of AMPS/Trunking/CDMA Antennas includes single and dual polar panels, omnis and yagis. There are products designed to radiate as low as 806 MHz and as high as 896 MHz.



Selection Guide: AMPS 824-896 MHz

Part No.	Frequency (Mhz)	Gain (dBi)	Hor.3db beamwidth (°)	Vert. 3 db beamwidth (°)	Polarisation	Electrical tilt(°)	Description	Termination	Gain/ (Quarter-wave)	Series
MA112UX00	824-894/ 1850-1990	-	-	-	-	-	magnet mount ant.	RG174(3m) +FME(f)	0/2	Nano
MA112UX01	824-894/ 1850-1990	-	-	-	-	-	Magnet mount ant.	RG174(3m) +SMA(m)	0/2	Nano
5008004	824-892	13,2 to 13,8	85	16,8	Vertical	4	85° panel	-	-	-
5010860	806-960	18	65	7,4 to 8	+/-45°	-	Panel antenna	-	-	-
5013000	806-960	4	2X80	70	Vertical	-	Bi-directional antenna	RG303(0,5m) +N(f)	-	-
5016860	806-960	18,5	64	6,8	Vertical	-	Panel antenna	-	-	-
5018860	806-960	17	86	6,9	Vertical	-	Panel antenna	-	-	-
5029000	800-2200	5	115	70	Vertical	-	Shrouded yagi	0,5mRG303+ N(f)	-	-
5033005	806-896	11,5	85	22	+/-45°,Vertical	5	85° tri polar panel	-	-	-
5060000	824-896	16,5	63	9,6	+/-45°	-	65° x-polar panel	-	-	-
5085000	824-896	15,5	85	9,8	+/-45°	-	85° x-polar panel	-	-	-
5095004	824-892	14,7	53	15,5	+/-45°	4	55°x-polar panel	-	-	-
5096000	806-896	17	50 à 55	7,5 to 9	+/-45°	-	55° x-polar panel	-	-	-
5140864	824-896	17,2	43	15	+/-45°	-	40° x-polar panel	-	-	-

Antennas: AMPS/Trunking/CDMA (cont.)

Part No.	Frequency (Mhz)	Gain (dBi)	Hor.3db beamwidth (°)	Vert. 3 db Beamwidth (°)	Polarisation	Electrical tilt(°)	Description	Termination
7132860	824-896	16,7	27	25	Vertical	-	18 element yagi	-
7142860	824-892	17	24	24	Vertical	-	24 element yagi	-
7160860	824-892	13,2	42	38	Vertical	-	10 element yagi	-
7168860	824-896	11	58	50	Vertical	-	6 element yagi	-
7173860	824-892	14,5	40	37	Vertical	-	12 element yagi	-
7175872	820-900	12,2	52	48	Vertical	-	8 element yagi	-
7176870	820-900	16,5	25 to 34	23 to 32	Vertical	-	18 element yagi	-
7190860	824-892	12,2	56	45	vertical	-	8 element yagi	-
7478000	806-2200	11 to 12	51	41	Vertical	-	Broadband yagi	-
7489000	806-896/ 1850-1990	14/17,5	40/23	35/24	H/V or slanted	-	Dual band yagi	-
7527422	800-1000	5,7	140	73	Vertical	-	Yagi (rear cable entry)	RG58(0,5m)+n(f)
7527423	800-1000	5,7	140	73	Vertical	-	Yagi (front cable entry)	RG58(0,5m)+N(f)
7635000	824-894	15,5	120	8,5	Vertical	-	120° panel	-
7669000	824-896	14,2	90	12	Vertical	-	90° panel	-
7669004	824-896	14,2	90	12	Vertical	4	90° panel	-
7686000	824-896	16	60	12,4	Vertical	-	60° panel	-
7686004	824-896	16	60	12,4	vertical	4	60° panel	-
7687000	824-896	17,5	60	9	Vertical	-	60° panel	-
7687004	824-896	17,5	60	9	Vertical	4	60° panel	-
7694400	824-896	15	63	15 to 16,5	Vertical	-	60° panel	-
7694860	806-960	15	63	15 to 17,3	Vertical	-	Panel antenna	-
7695004	824-892	13	52 to 56,5	16,5	Vertical	4	55° panel	-
7695104	824-892	1"	52 to 56,5	16,5	Vertical	4	55° panel	-
7699004	824-892	13single/ 15,5combined	52 to 56,5	17single/ 8,8combined	vertical	4	55° "2 in 1" panel	-
MA420TV01	806-960	13	35	41	Vertical	-	10 element yagi	-
MA420TV02	806-960	8	56	50	vertical	-	5 elements yagi	-
MA420TV03	806-960	8	50	56	Vertical	-	5 element yagi	-
MA420TV05	806-960	13	35	41	Vertical	-	10 element yagi	-
MA420TV07	806-894	15	30	35	Vertical	-	12 element yagi	-
MA420TV10	806-894	15	30	35	vertical	-	13 elements yagi	-
MA420TV16	806-894	11	55	45	Vertical	-	7 element yagi	-
MA421TV00	806-894	7	107	64	Vertical	-	Shrouded yagi	RG58(0,5m)+N(f)

Antennas: AMPS/Trunking/CDMA (cont.)

Part No.	Frequency (Mhz)	Gain (dBi)	Vert. 3 db beamwidth (°)	Polarisation	Description	Termination	Mounting	Whip
5052100	806-960/ 1710-2170	2	-	Vertical	Shrouded omni	RG303(0,3m)+N(f)	Ceiling	-
5052300	806-960/ 1710-2500	2	-	Vertical	Shrouded omni	RG303(0,3m)+N(f)	Ceiling	-
7560860	806-896	11	6,5 to 7,1	Vertical	Fibre glass omni	-	-	-
7580000	825-896	10,2	7,2	Vertical	Fibre glass omni	-	-	-
7586800	825-896	7,5	16	Vertical	Fibre glass omni,N(f)	-	-	-
7586820	825-896	7,5	16	vertical	Fibre glass omni,7/16	-	-	-
MA212UV00	820-900	5	-	-	-	RG58 cable,35m	60mm bracket	Glass fibre shroud
MA212UV01	820-900	4,5	-	Vertical	Shrouded omni	-	-	-
MA330UV04	870-960	1,8	76	Vertical	Omni (plastic shroud)	TNC(m)	-	-
MA430UV00	824-894	4,5	33	Vertical	Omni (plastic shroud)	RG58(5m)	-	-

Part No.	Frequency (Mhz)	Gain (dBi)	Description	Termination	Gain/ (Quarter-wave)	Whip	Base	Series
MA112U10	824-894	-	Magnet mount ant.	RG58(3m)+FME	0	MA712U08	MA711QV00	Micro
MA115U00	824-894	-	Colinear antenna	RG58(3m)+FME	4	MA712U07	MA711LV05	Mini
MA145U10	824-894	-	Colinear antenna	RG58(3,8m)	4	MA712U03	MA711QV03	Turbo
MA160UX00	806-960/ 1710-1990	2	Patch antenna (round)	RG58(3m)+FME	-	-	-	Discrete

Antennas: AMPS/Trunking/CDMA (cont.)

Selection Guide: Trunking/CDMA 806-866 MHz									
Part No.	Frequency (Mhz)	Gain (dBi)	Hor.3db beamwidth (°)	Vert. 3 db beamwidth (°)	Polarisation	Description	Termination	Electrical tilt(°)	Mounting
5009000	806-866	12,8	85	17	+/-45°	85° x-polar panel	-	-	-
5010860	806-960	18	65	7,4 to 8	+/-45°	Panel antenna	-	-	-
5013000	806-960	4	2X80	70	Vertical	Bi-directional antenna	RG303(0,5m)+N(f)	-	-
5016860	806-960	18,5	64	6,8	Vertical	Panel antenna	-	-	-
5018860	806-960	17	86	6,9	Vertical	Panel antenna	-	-	-
5029000	800-2200	5	115	70	Vertical	Shrouded yagi	0,5mRG303+N(f)	-	-
5033005	806-896	11,5	85	22	+/-45°, Vertical	85° tri polar panel	-	5	-
5096000	806-896	17	50 à 55	7,5 to 9	+/-45°	55° x-polar panel	-	-	-
7478000	806-2200	11 to 12	51	41	Vertical	Broadband yagi	-	-	-
7489000	806-896/ 1850-1990	14/17,5	40/23	35/24	H/V or slanted	Dual band yagi	-	-	-
7527422	800-1000	5,7	140	73	Vertical	yagi (rear cable entry)	RG58(0,5m)+n(f)	-	-
7527423	800-1000	5,7	140	73	Vertical	Yagi (front cable entry)	RG58(0,5m)+N(f)	-	-
7694860	806-960	15	63	15 to 17,3	Vertical	Panel antenna	-	-	-
MA420TV01	806-960	13	35	41	Vertical	10 element yagi	-	-	-
MA420TV02	806-960	8	56	50	vertical	5 elements yagi	-	-	-
MA420TV03	806-960	8	50	56	Vertical	5 element yagi	-	-	-
MA420TV05	806-960	13	35	41	Vertical	10 element yagi	-	-	-
MA420TV07	806-894	15	30	35	Vertical	12 element yagi	-	-	-
MA420TV10	806-894	15	30	35	vertical	13 elements yagi	-	-	-
MA420TV16	806-894	11	55	45	Vertical	7 element yagi	-	-	-
MA421TV00	806-894	7	107	64	Vertical	Shrouded yagi	RG58(0,5m)+N(f)	-	-
5052100	806-960/ 1710-2170	2	-	-	Vertical	Shrouded omni	RG303(0,3m)+N(f)	-	Ceiling
5052300	806-960/ 1710-2500	2	-	-	Vertical	Shrouded omni	RG303(0,3m)+N(f)	-	Ceiling
7560860	806-896	11	-	6,5 to 7,1	Vertical	Fibre glass omni	-	-	-
MA160UX00	806-960/ 1710-1990	2	-	-	-	Patch antenna (round)	RG58(3m)+FME	-	-