

Antennas GSM900 & ETACS

The DrawCom range of Antennas for GSM900 and ETACS including V-pol and X-pol panels, Yagis (high gain and low gain), collinear omnis, single, dual and triple band. There are products designed to radiate as low as 870 MHz and as high as 960 MHz.



Selection Guide

Part No.	Frequency (Mhz)	Gain (dBi)	Hor.3db beamwidth(°)	Vert. 3 db beamwidth(°)	Polarisation	Description	Termination	Electrical tilt(°)
5003000	870-960/ 1710-1880	6,9	87/100	70/68	Vertical	V-polar panel	RG303(0,5m) +N(f)	-
5010200	870-960	18	65	7,4 to 8	+/-45°	65°x-polar panel	-	-
5010204	870-960	18	65	7,4 to 8	+/-45°	65°x-polar panel	-	4
5010206	870-960	18	65	7,4 to 8	+/-45°	65°x-polar panel	-	6
5010209	870-960	18	65	7,4 to 8	+/-45°	65°x-polar panel	-	9
5010860	806-960	18	65	7,4 to 8	+/-45°	Panel antenna	-	-
5011000	880-960	16,5	85	6,9	+/-45°	85° x-polar panel	-	-
5011006	880-960	16,5	85	6,9	+/-45°	85° x-polar panel	-	6
5013000	806-960	4	2X80	70	Vertical	Bi-directional antenna	RG303(0,5m) +N(f)	-
5016000	870-960	18,6	60	6,9	Vertical	High gain 60° panel	-	-
5016006	870-960	18,6	60	6,9	Vertical	High gain 60° panel	-	6
5018000	870-960	17,2	85	6,8	vertical	85° panel	-	-
5018002	870-960	17,2	85	6,8	Vertical	85° panel	-	2
5018006	870-960	17,2	85	6,8	Vertical	85° panel	-	6
5018860	806-960	17	86	6,9	Vertical	Panel antenna	-	-

Antennas GSM900 & ETACS (cont.)

Part No.	Frequency (Mhz)	Gain (dBi)	Hor.3db beamwidth(°)	Vert. 3 db beamwidth(°)	Polarisation	Description	Termination	Electrical tilt(°)
5027000	870-960/ 1700-1890	5,7/4,7	140 to 160/ 170 to 260	70/55	Vertical	yagi(side cable entry)	0,5mcable+N (f)	-
5027001	870-960/ 1700-1890	5,7/4,7	140-160/ 170-260	70/55	Vertical or horizontal	Yagi(rear cable entry)	0,5mcable+N (f)	-
5029000	800-2200	5	115	70	Vertical	Shrouded yagi	0,5mRG303 +N(f)	-
5034000	872-960/ 1710-1820	15,3/16,4	72/72	9/5,5	+/-45°	72° x-polar dual band	-	-
5034006	872-960/ 1710-1820	15,3/16,4	72/72	9/5,5	+/-45°	72° x-polar dual band	-	6/6
5044004	872-960/ 1710-1880	17	64/64	7,9/6,5	+/-45°	65° x-polar dual band	-	4/4
5044110	872-960/ 1710-1880	17	64/64	7,9/6,5	+/-45°	65° x-polar dual band	-	10/10
5065000	870-960	14,2 to 15	65	15,3 to 17,5	+/-45°	65° x-polar panel	-	-
5065004	870-960	14,2 to 15	65	15,3 to 17,5	+/-45°	65° x-polar panel	-	4
5065008	870-960	14,2 to 15,5	65	15,3 to 17,5	+/-45°	65° x-polar panel	-	8
5090000	870-960	13,2	85	15,5 to 17,5	+/-45°	85° x-polar panel	-	-
5100004	872-960 /1710-1880	17	63/64	7,9/6,4	+/-45°	65° x-polar dual band	-	4/4
5100006	872-960/ 1710-1880	17	63/64	7,9/6,5	+/-45°	65° x-polar dual band	-	6/6
5100008	872-960/ 1710-1880	17	63/64	7,9/6,5	+/-45°	65° x-polar dual band	-	8/8
5100010	872-960/ 1710-1880	17	63/64	7,9/6,5	+/-45°	65° x-polar dual band	-	10/10
5100104	872-960/ 1710-1880	17	63/64	7,9/6,5	+/-45°	65° x-polar dual band	-	4/4
5101300	880-960/ 1710-1880/ 1900-2170	6,5	75	64	Vertical	"3 in 1" panel	3X0,5mRG3 03+N(f)	-
5104006	872-960/ 1710-1880	14,5/14,5	63/64	14,3/13	+/-45°	65° x-polar dual band	-	6
5104010	872-960/ 1710-1880	14,5/14,5	63/64	14,3/13	+/-45°	65° x-polar dual band	-	10
5106004	872-960/ 1710-1880	16/16	63/64	10,5/8,1	+/-45°	65° x-polar dual band	-	4/4
5106104	872-960/ 1710-1880	16/16	63/64	10,5/8,1	+/-45°	65° x-polar dual band	-	4/4
5106166	872-960/ 1710-1880	16/16	63/64	10,5/8,1	+/-45°	65° x-polar dual band	-	6/6
5140000	870-960	17,5	40	14	+/-45°	40° x-polar panel	-	-
5264100	870-960	16,5	62+/-5	9	+/-45°	Dual polar panel	-	0-10° variable (MET)
5265101	870-960	17,5	65	7	+/-45°	Dual polar panel	-	0-10° variable (MET)
5265200	870-960	18	65+/-5	7	+/-45°	Dual polar panel	2X7/16 back	0-10° variable (MET)

Antennas GSM900 & ETACS (cont.)

Part No.	Frequency (Mhz)	Gain(dBi)	Hor.3db beamwidth(°)	Vert. 3 db beamwidth(°)	Polarisation	Description	Termination	Electrical tilt(°)
7132900	870-960	16,7	27	25	vertical	18 element yagi	-	-
7142900	870-960	18	24	24	Vertical	24 element yagi	-	-
7160900	880-960	13,2	42	38	Vertical	10 element yagi	-	-
7168900	880-960	11	58	50	vertical	6 element yagi	-	-
7173900	880-960	14,5	40	37	Vertical	12 element yagi	-	-
7175890	890-960	12,2	52	48	vertical	8 element yagi	-	-
7176890	890-960	16,5	25 to 34	23 to 32	Vertical	18 element yagi	-	-
7190900	880-960	12,2	56	45	Vertical	8 element yagi	-	-
7469000	872-960/ 1710-1900	13,5-14,2/ 15-16,5	34-44/28	31-41/22-28	H/V or slanted	Dual band yagi	-	-
7478000	806-2200	11 to 12	51	41	Vertical	Broadband yagi	-	-
7499000	870-960/ 1710-1880	11,2-12,6/ 13,6-14,7	33-42/25-33	33-42/25-33	Circular	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)	-
7600000	870-960	17,4	60	9,2	+/-45°	60° x-polar panel	-	-
7600004	870-960	17,4	60	9,2	+/-45°	60° x-polar panel	-	4
7600006	870-960	17,4	60	9,2	+/-45°	60° x-polar panel	-	6
7620400	880-960	16,5	85	8	Vertical	85° panel	-	-
7688000	870-960	17,4	60	9,2	+/-45°	60° x-polar panel	-	-
7688004	870-960	17,4	60	9,2	+/-45°	60° x-polar panel	-	4
7688006	870-960	17,4	60	9,2	+/-45°	60° x-polar panel	-	6
7688206	870-960	17,4	60	9,2	+/-45°	60° x-polar panel	-	6
7688400	870-960	17,4	60	9,2	+/-45°	60° x-polar panel	-	-
7688402	870-960	17,4	60	9,2	+/-45°	60° x-polar panel	-	2
7689300	870-960	16	85	9,2	+/-45°	85° x-polar panel	-	-
7689304	870-960	16	85	9,2	+/-45°	85° x-polar panel	-	4
7689306	870-960	16	85	9,2	+/-45°	85° x-polar panel	-	6

Antennas GSM900 & ETACS (cont.)

Part No.	Frequency (Mhz)	Gain (dBi)	Hor.3db beamwidth(°)	Vert. 3 db beamwidth(°)	Polarisation	Description	Termination	Electrical tilt(°)
7691100	870-960	7	80	75	Vertical	Dual polar antenna	2XRG303(4m)+N(f)	-
7691300	880-960/ 1710-1880/ 1900-2170	7/8/8	80/60/60	75	+/-45°	Panel antenna	0,5mcable+N(f)	-
7692000	870-960	15,4 to 16	72,5	9 to 10,5	+/-45°	72° x-polar panel	-	-
7692006	870-960	15,4 to 16	72,5	9 to 10,5	+/-45°	72° x-polar panel	-	6
7694000	870-960	15	63	15 to 17,3	Vertical	60° panel	-	-
7694004	870-960	15	63	15 to 17,3	Vertical	60° panel	-	4
7694008	870-960	15	63	15 to 17,3	vertical	60° panel	-	8
7694860	806-960	15	63	15 to 17,3	Vertical	Panel antenna	-	-
7696400	880-960	15	118	8	vertical	120° panel	-	-
7696402	880-960	15	118	8	vertical	120° panel	-	2
7696406	880-960	15	118	8	Vertical	120° panel	-	6
7698000	870-960	17,5	63	7,8	Vertical	60° panel	-	-
7698002	870-960	17,5	63	7,8	Vertical	60° panel	-	2
7698004	870-960	17,5	63	7,8	Vertical	60° panel	-	4
7698006	870-960	17,5	63	7,8	Vertical	60° panel	-	6
7698008	870-960	17,5	63	7,8	Vertical	60° panel	-	8
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	-	-
MA420UV03	870-960	7	95	60	Vertical	Shrouded yagi	RG58(5m)+SMA(m)	-
MA420UV05	890-960	8	78	65	Vertical	Panel antenna	RG58(4m)+SMA(m)	-
MA423UV03	870-960	7	94	60	Vertical	Shrouded yagi	RG58(0,5m)+N(f)	-

Print Date: 14/03/2008

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Antennas GSM900 & ETACS (cont.)

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7510000	872-960	9,3	-	9,7	Vertical	Fibre glass omni	-	-
7510006	872-960	9,3	-	9,7	Vertical	Fibre glass omni	-	6
7510008	872-960	9,3	-	9,7	-	Fibre glass omni	-	8
7540900	890-960	11,2	-	5,4	Vertical	Fibre glass omni	-	-
7540903	890-960	11,2	-	5,4	Vertical	Fibre glass omni	-	3
7545000	872-960	9,3	-	8,5	Vertical	Fibre glass omni	-	-
7545003	872-960	9,3	-	8,5	Vertical	Fibre glass omni	-	3
7545004	872-960	9,3	-	8,5	Vertical	Fibre glass omni	-	4
7545005	872-960	9,3	-	8,5	Vertical	Fibre glass omni	-	5
7547000	870-960	6/6,3/6,5	-	17	Vertical	"3 in 1" fibre glass omni	-	-
7555000	870-960	Top9/ bottom9,3	-	8,5	Vertical	"2 in 1" fibre glass omni	-	-
7555003	870-960	9/9,3	-	8,5	Vertical	2 in 1 colinear	-	-
7558003	870-960	10	-	7,7	Vertical	Fibre glass omni	-	3
7558004	870-960	10	-	7,7	Vertical	Fibre glass omni	-	4
7558006	870-960	10	-	7,7	Vertical	Fibre glass omni	-	6
7558007	870-960	10	-	7,7	Vertical	Fibre glass omni	-	7
7558008	870-960	10	-	7,7	Vertical	Fibre glass omni	-	8
7558009	870-960	10	-	7,7	vertical	Fibre glass omni	-	9
7558010	870-960	10	-	7,7	vertical	Fibre glass omni	-	10
7558k100	870-960	10	-	7,7	Vertical	Fibre glass omni	-	-
7559000	880-960	Top6,5/ bottom7	-	17	Vertical	"2 in 1" fibre glass omni	-	-
7560000	870-960	11	-	7,4 to 8,4	Vertical	Fibre glass omni	-	-
7560005	870-960	11	-	6,7 to 7,2	Vertical	Fibre glass omni	-	5
7560403	870-960	11	-	6,7 to 7,2	Vertical	Fibre glass omni	-	3
7572000	872-960	9	-	9 to 10	Vertical	Fibre glass omni	-	-
7572006	872-960	9	-	9 to 10	Vertical	Fibre glass omni	-	6
7586900	870-960	7,5	-	16	Vertical	Shrouded omni,N(f)	-	-

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Antennas

Antennas GSM900 & ETACS (cont.)

Part No.	Frequency (Mhz)	Gain (dBi)	Vert. 3 db beamwidth (°)	Polarisation	Description	Termination	Mounting	Whip	Base	Length (cm)
5052000	870-960/ 1710-2170	2	-	vertical	Shrouded omni	RG303(0,3m)+N(f)	Ceiling	-	-	-
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	-	-	-
MA200UX00	880-960/ 1710-1880	2	-	-	-	RG58 cable(6m)	Without	Fibre glass shroud	Metal	-
MA200UX01	880-960/ 1710-1880	2	-	-	-	RG58 cable(6m)	Without	Fibre glass shroud	Plastic	-
MA202UV00	870-960	5	-	Vertical	Fibre glass omni	RG58 cable,6m	None	-	Metallic	-
MA202UV01	872-960	5	-	-	-	RG58 cable,6m	None	Glass fibre shroud	Plastic	130
MA202UV03	890-960	5	-	-	-	RG58 cable,6m	none	Glass fibre shroud	Stainless steel	243
MA202UV04	890-960	5	-	-	-	RG58 cable,6m	None	Glass fibre shroud	Stainless steel	130
MA210UX00	880-960/ 1710-1880	2/2	60/95	Vertical	Dual band omni	-	-	-	-	-
MA212UV02	870-960	5	33	Vertical	Fibre glass omni	N(f)	-	-	-	-
MA212UV03	890-960	5	-	-	-	RG58 cable,18m	60mm bracket	Glass fibre shroud	-	-
MA232UV00	872-960	5	-	-	-	RG58 cable,6m	Metallic ratchet base	Glass fibre shroud	-	75
MA232UV01	890-960	5	-	-	-	RG58 cable,6m	Steel ratchet base	Glass fibre shroud	-	256
MA232UV02	890-960	5	-	-	-	RG58 cable,6m	Steel ratchet base	Glass fibre shroud	-	143
MA242UV01	872-960	5	-	-	-	RG58 cable,6m	Plastic ratchet base	Glass fibre shroud	-	87
MA290UX01	880-960/ 1710-1880	2	-	-	-	RG58 cable(18m)	Without	Fibre glass shroud	-	-
MA430UV06	890-960	4,5	35	Vertical	Omni,plastic shroud	RG58(5m)	-	-	-	-
MA430UV10	870-960	2	75	vertical	Fibreglass omni	RG58(5m)+N(m) angled	-	-	-	-
MA431UV00	870-960	4,7	33	Vertical	Omni(fibre shroud)	N(f)	-	-	-	-
MA431UV01	870-960	1,8	75	Vertical	Glass fibre omni	N(f)	-	-	-	-
MA435UV00	870-960	4,7	33	Vertical	Fibre glass omni	7/16 (f)	-	-	-	-
MA100UV00	870-960	2,2	-	Vertical or horizontal	Omni,plastic shroud	RG58(5m)	-	-	-	-

Antennas GSM900 & ETACS (cont.)

Part No.	Frequency (Mhz)	Gain (dBi)	Description	Termination	Gain/ (Quarter-wave)	Whip	Base	Series	Connector
MA112V01	872-960	-	Magnet mount ant.	RG58(3m)+FME	0	MA712V18	MA711LV05	Mini	-
MA112V11	872-960	-	Magnet mount ant.	RG58(3m)+FME	0	MA712UV04	MA711QV00	Micro	-
MA112VX00	890-960/ 1710-1880	-	Magnet mount ant.	RG174(3m) +FME	0/2	-	-	Nano	-
MA113V00	872-960	-	Quarterwave and colinear	RG174(3m) +FME	0 and 4	-	-	Nano	-
MA115V00	872-960	-	Colinear antenna	RG58(3m)+FME	4	MA712V23	MA711LV05	Mini	-
MA115V01	872-960	-	Colinear antenna	RG58(3m)+FME	4	MA712V22	MA711QV00	Micro	-
MA120UX00	GPS/ 900-1800	-	Shrouded magnet ant.	RG174(3m)/ RG58(4m)	26/0	-	-	-	SMA(m)/ TNC(m)
MA120UX01	890-960/ 1710-1880	-	Shrouded magnet ant.	RG58(4m)+FME	0	-	-	-	-
MA142V00	872-960	-	Quarterwave antenna	RG58(3,8m)	0	MA712UV05	MA711LV01	RF	-
MA142V01	872-960	-	Quarterwave antenna	RG58(3,8m) +FME	0	MA712UV05	MA711LV11	RF	-
MA142V10	872-960	-	Quarterwave antenna	RG58(3,8m)	0	MA712V10	MA711QV03	Turbo	-
MA142V11	872-960	-	Quarterwave antenna	RG58(3,8m) +FME	0	MA712V10	MA711QV05	Turbo	-
MA142V20	872-960	-	Quarterwave antenna	FME connector	0	MA712V10	MA711QV04	Turbo	-
MA142V37	872-960	-	Quarterwave antenna	FME connector	0	MA712UV05	MA711LV02	RF	-
MA145UV01	872-960	-	Colinear antenna	RG58(3,8m) +FME	4	MA712V01	MA711QV05	Turbo	-
MA145UV02	872-960	-	Colinear antenna	RG58(3,8m) +FME	4	MA712V16	MA711LV11	RF	-
MA145UV12	872-960	-	Close coil antenna	FME connector	3	MA712UV06	MA711QV04	Turbo	-
MA145UV15	872-960	-	Close coil antenna	RG58(3,8m)	3	MA712UV11	MA711LV01	RF	-
MA145UV16	872-960	-	Close coil antenna	RG58(3,8m) +FME	3	MA712UV11	MA711LV11	RF	-
MA145UX00	870-960/ 1710-1880	-	Dual band omni	RG174(3,8m) +FME	2/3	-	-	-	-
MA145V10	872-960	-	Colinear antenna	RG58(3,8m)	4	MA712V01	MA711QV03	Turbo	-
MA145V11	872-960	-	Colinear antenna	RG58(3,8m)	4	MA712V16	MA711LV01	RF	-
MA145V21	872-960	-	Colinear antenna	FME connector	4	MA712V16	MA711LV02	RF	-
MA160UX01	870-960/ 1710-1880	2	Super flat antenna	RG174(2m) +FME	-	-	-	Discrete	-
MA160UX03	870-960/ 1710-1880	2	Superflat antenna	RG174(3m) +FME	-	-	-	Discrete	-
MA170UX00	890-960/ 1710-1880	-	Quarterwave antenna	LL RG58(3,8m) +FME	0	MA712UX00	MA711PY00	Millenium	-
MA170UX01	890-960/ 1710-1880	-	Quarterwave antenna	LL RG58(5m) +FME	0	MA712UX00	MA711PY01	Millenium	-
MA170UX03	890-960/ 1710-1880	-	Quarterwave antenna	LL RG58(0,06m) +FME	0	MA712UX00	MA711PY02	Millenium	-
MA170UX14	890-960/ 1710-1880	-	Dual band omni	5M LL cable+SMA(m)	3	-	-	-	-
MA300UX00	890-960/ 1710-1880	-	Multiband antenna	SMA(m)	0	-	-	-	-