


PRODUCT LINE - Base Station Antennas / Meander Collinear

Part Number	Product Name	Freq Band	Nominal Gain dBd	Freq MHz	Vert Beamwidth	Horiz Beamwidth	Power W
COL811-806	700/800 MHz Meander™ Collinear, 9dBd, 748-806MHz	700/800	9	746 to 806MHz	6.5°	Omni +/- 0.5dB	250
COL85-806	700/800MHz Meander™ Collinear, 7dBd, 748-806MHz	700/800	7	746-806MHz	13°	Omni +/- 0.5dB	250
COL811-824	700/800MHz Meander™ Collinear, 9dBd, 796-824MHz	700/800	9	796 to 824MHz	6.5°	Omni +/- 0.5dB	250
COL85-870	800 MHz Meander™ Collinear, 7dBd, 806-870MHz	800	7	746-806MHz	13°	Omni +/- 0.5dB	250
COL811-870	800 MHz Meander™ Collinear, 9dBd, 806-870MHz	800	9	806 to 870MHz	6.5°	Omni +/- 0.5dB	250
COL81-930	800/900MHz Meander™ Collinear, 0dBd, 850-	800/900	0	850-930MHz	67	Omni +/- 0.5dB	250

Part Number	Product Name	Freq Band	Nominal Gain dBd	Freq MHz	Vert Beamwidth	Horiz Beamwidth	Power W
	930MHz						
COL85-930	800/900MHz Meander™ Collinear, 7dBd, 850-930MHz	800/900	7	850 to 930MHz	13°	Omni +/- 0.5dB	250
COL811-930	800/900MHz Meander™ Collinear, 9dBd, 850-930MHz	800	9	850 to 930MHz	6.5°	Omni +/- 0.5dB	250
COL41-58	UHF Meander™ Collinear, 0dBd, 380-400MHz	UHF	0	380 to 400MHz	109	Omni +/- 0.5dB	250
COL41-70	UHF Meander™ Collinear, 0dBd, 450-470MHz	UHF	0	450 to 470MHz	71	Omni +/- 0.5dB	250
COL41-71	UHF Meander™ Collinear, 0dBd, 470-490MHz	UHF	0	470 to 490MHz	69	Omni +/- 0.5dB	250
COL41-72	UHF Meander™ Collinear, 0dBd, 490-520MHz	UHF	0	490 to 520MHz	57	Omni +/- 0.5dB	250
COL43-400	UHF Meander™ Collinear, 5dBd, 380-400MHz	UHF	5	380 to 400MHz	21	Omni +/- 0.5dB	250
COL43-420	UHF Meander™ Collinear, 5dBd, 400-420MHz	UHF	5	400 to 420MHz	21	Omni +/- 0.5dB	250
COL43-430	UHF Meander™ Collinear, 5dBd, 410-430MHz	UHF	5	410 to 430MHz	21	Omni +/- 0.5dB	250

Part Number	Product Name	Freq Band	Nominal Gain dBd	Freq MHz	Vert Beamwidth	Horiz Beamwidth	Power W
COL43-470	UHF Meander™ Collinear, 5dBd, 450-470MHz	UHF	5	450 to 470MHz	21	Omni +/- 0.5dB	250
COL43-490	UHF Meander™ Collinear, 5dBd, 470-490MHz	UHF	5	470 to 490MHz	21	Omni +/- 0.5dB	250
COL43-520	UHF Meander™ Collinear, 5dBd, 490-520MHz, PIM Rated	UHF	5	490 to 520MHz	21	Omni +/- 0.5dB	250
COL45-400	UHF Meander™ Collinear, 7dBd, 380-400MHz, PIM Rated	UHF	7	380 - 400	12.5°	Omni +/- 0.5dB	250
COL45-420	UHF Meander™ Collinear, 7dBd, 400-420MHz, PIM Rated	UHF	7	400 - 420	12.5°	Omni +/- 0.5dB	250
COL45-430	UHF Meander™ Collinear, 7dBd, 410-430MHz, PIM Rated	UHF	7	410 to 430MHz	12.5°	Omni +/- 0.5dB	250
COL45-470	UHF Meander™ Collinear, 7dBd, 450-470MHz, PIM Rated	UHF	7	450-470	12.5°	Omni +/- 0.5dB	250
COL45-490	UHF Meander™ Collinear, 7dBd, 470-	UHF	7	470-490	12.5°	Omni +/- 0.5dB	250

Part Number	Product Name	Freq Band	Nominal Gain dBd	Freq MHz	Vert Beamwidth	Horiz Beamwidth	Power W
	490MHz, PIM Rated						
COL45-520	UHF MeanderTM Collinear, 7dBd, 490-520MHz, PIM Rated	UHF	7	490-520	12.5°	Omni +/- 0.5dB	250
COL410-400	UHF MeanderTM Collinear, 9dBd, 380-400MHz, PIM Rated	UHF	9	380 to 400MHz	7.2°	Omni +/- 0.5dB	250
COL410-420	UHF MeanderTM Collinear, 9dBd, 400-420MHz, PIM Rated	UHF	9	400 to 420MHz	7.2°	Omni +/- 0.5dB	250
COL410-430	UHF MeanderTM Collinear, 9dBd, 410-430MHz, PIM Rated	UHF	9	410 to 430MHz	7.2°	Omni +/- 0.5dB	250
COL410-470	UHF MeanderTM Collinear, 9dBd, 450-470MHz, PIM Rated	UHF	9	450-470	7.2°	Omni +/- 0.5dB	250
COL410-490	UHF MeanderTM Collinear, 9dBd, 470-490MHz, PIM Rated	UHF	0	470-490	7.2°	Omni +/- 0.5dB	250
COL410-520	UHF MeanderTM Collinear, 9dBd, 490-520MHz, PIM Rated	UHF	0	490-520	7.2°	Omni +/- 0.5dB	250

Part Number	Product Name	Freq Band	Nominal Gain dBd	Freq MHz	Vert Beamwidth	Horiz Beamwidth	Power W
COL41-65	UHF Meander™ Collinear, 0dBd, 400-420MHz, PIM Rated	UHF	0	400 to 420MHz	96	Omni +/- 0.5dB	250
COL51-160	VHF Meander™ Collinear, 0dBd, 150-160MHz, PIM Rated	VHF	2.1 (0)	150 - 160MHz	92	Omni +/- 0.5dB	350
COL53-140	VHF Meander™ Collinear, 4dBd, 130-140MHz, PIM Rated	VHF	4	130 -140MHz	23.4°	Omni +/- 0.5dB	400
COL53-150	VHF Meander™ Collinear, 4dBd, 140-150MHz, PIM Rated	VHF	4	140 -150MHz	23.4°	Omni +/- 0.5dB	400
COL53-160	VHF Meander™ Collinear, 4dBd, 150-160MHz, PIM Rated	VHF	4	150 - 160MHz	23.4°	Omni +/- 0.5dB	400
COL53-174N	VHF Meander™ Collinear, 4dBd, 160-174MHz	VHF	4	162 -174MHz	23.4°	Omni +/- 0.5dB	400
COL53-174	VHF Meander™ Collinear, 4dBd, 160-174MHz, PIM Rated	VHF	4	162 -174MHz	23.4°	Omni +/- 0.5dB	400
COL54-155	VHF Meander™	VHF	6	145 to 155MHz	17°	Omni +/- 0.5dB	400

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	Collinear, 6dBd, 145-155MHz, PIM Rated						
COL54-160	VHF MeanderTM Collinear, 6dBd, 150-160MHz, PIM Rated	VHF	6	150 to 160MHz	17°	Omni +/- 0.5dB	400
COL54-166	VHF MeanderTM Collinear, 6dBd, 156-166MHz, PIM Rated	VHF	6	156 to 166MHz	17°	Omni +/- 0.5dB	400
COL54-174	VHF MeanderTM Collinear, 6dBd, 162-174MHz, PIM Rated	VHF	6	162 to 174MHz	17°	Omni +/- 0.5dB	400