

COMSAT RSI PCN Model Range

	Model	Az beam- width (deg)	El beam- width (deg)	Gain (dBi)	Gain (dBd)	Length (mm)	Length (in)
Vertical Pole	PCNA050-16-*	48	5.5	20.0	17.9	1595	62.8
	PCNA065-13-*	65	6.8	18.3	16.2	1295	51.0
	PCNA065-16-*	65	5.5	18.2	16.1	1595	62.7
	PCNA065-19-*	65	5.0	19.3	17.2	1905	75.0
	PCNA085-16-*	85	5.5	17.9	15.8	1595	62.7
	PCNA085-19-*	85	5.0	18.0	15.9	1905	75.0
	PCNA115-19-*	115	5.0	16.8	14.7	1905	75.0
	PCNS065-02-*	65	55.0	9.7	7.6	200	7.9
	PCNS065-04-*	65	28.0	12.2	10.1	410	16.2
	PCNS065-06-*	65	14.0	14.0	11.9	650	25.6
	PCNS065-10-*	65	9.0	16.0	13.9	1007	39.7
	PCNS065-13-*	65	7.0	17.0	14.9	1300	51.2
	PCNS065-16-*	65	5.7	17.5	15.4	1592	62.7
	PCNS065-19-*	65	5.0	19.0	16.9	1877	74.0
	PCNS085-13-*	87	7.0	16.3	14.2	1300	51.2
	PCNS085-19-*	85	5.0	18.2	16.1	1877	74.0
	PCNS090-10-*	90	10.3	14.8	12.7	1007	39.7
	PCNC360-25-*	Omni	4.5	11.0	8.9	2465	97.0
	PCNM360-016	Omni	70.0	2.0	N/A	160	6.3
Dual Pole	PCND065-19-*A	65	5.0	19.3	17.2	1905	75.0
	PCND085-11-*	85	9.2	14.5	12.4	1130	44.5
	PCND085-17-*	85	6.0	16.5	14.4	1674	65.9
	PCND085-19-*A	85	5.0	18.0	15.9	1905	75.0
	PCND085-19-*AS	85	5.0	18.0	15.9	1905	75.0
	PCND085-20-*	85	5.0	16.5	14.4	1958	77.1

Model designation example: PCSA090-24-0

PCS = frequency band identifier (AMP/GSM/PCN/PCS)

A = model identifier (A=Aerodynamic, D=Dual Polar)

090 = azimuth 3-dB beamwidth (3-digits - 065, 090, 115 &c)

-19 = antenna length (24=2.4m model)

-0 = electrical downtilt in degrees

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Mechanical Data Summary

	Model	Antenna length (in)	Antenna width (in)	Antenna depth (in)	Max. drag (lbf)	Front drag (lbf)	Side drag (lbf)	Antenna weight (lb)	Mounting weight (lb)	Shipping weight (lb)
Vertical Pole	PCNA050-16-*	62.8	9.7	7.4	103	34	63	20.6	9.6	44.0
	PCNA065-13-*	51.0	8.3	7.4	87	27	52	17.1	9.6	39.6
	PCNA065-16-*	62.7	8.3	7.4	103	34	63	20.6	9.6	44.0
	PCNA065-19-*	75.0	8.3	7.4	123	40	75	24.6	9.6	48.4
	PCNA085-16-*	62.7	9.1	6.1	101	37	53	20.9	9.6	44.0
	PCNA085-19-*	75.0	9.1	6.1	120	44	63	23.9	9.6	48.4
	PCNA115-19-*	75.0	8.3	5.6	123	40	58	22.2	9.6	48.4
	PCNS065-02-*	7.9	7.9	1.6	9	9	1	2.2	6.6	11.0
	PCNS065-04-*	16.2	7.9	1.6	25	25	2	3.3	6.6	13.2
	PCNS065-06-*	25.6	7.9	1.7	39	39	3	5.2	6.6	16.5
	PCNS065-10-*	39.7	7.9	1.6	67	67	6	7.4	6.6	19.8
	PCNS065-13-*	51.2	7.9	1.6	85	85	7	9.6	6.6	22.0
	PCNS065-16-*	62.7	7.9	1.6	107	107	9	11.8	6.6	24.2
	PCNS065-19-*	74.0	7.9	1.7	127	127	11	14.0	6.6	27.5
	PCNS085-13-*	51.2	7.9	1.6	85	85	7	9.6	6.6	22.0
	PCNS085-19-*	74.0	7.9	1.7	127	127	11	14.0	6.6	27.5
	PCNS090-10-*	39.7	7.9	1.6	67	67	6	7.5	6.6	19.8
	PCNC360-25-*	97.0	2.8	2.8	56	56	56	41.1	15.4	31.0
	PCNM360-016	6.3	0.5	0.5	N/A	N/A	N/A	0.0	N/A	N/A
Dual Pole	PCND065-19-*A	75.0	8.4	7.4	120	44	63	26.4	9.6	50.6
	PCND085-11-*	44.5	7.8	1.7	107	107	9	7.4	6.6	19.8
	PCND085-17-*	65.9	7.8	1.7	107	107	9	11.8	6.6	24.2
	PCND085-19-*A	75.0	9.1	6.2	120	44	63	26.4	9.6	50.6
	PCND085-19-*AS	75.0	9.1	1.7	120	44	63	26.4	9.6	50.6
	PCND085-20-*	77.1	7.8	1.7	127	127	11	15.4	6.6	27.5