

## COMSAT RSI PCS Model Range

	Model	Az beam-width (deg)	El beam-width (deg)	Gain (dBi)	Gain (dBd)	Length (mm)	Length (in)
<b>Vertical Pole</b>	PCSA030-19*	32	4.3	23.0	20.9	2092	82.4
	PCSA033-13-*	33	7.1	20.8	18.7	1295	51.0
	PCSA033-19-*	33	4.7	22.4	20.3	1905	75.0
	PCSA060-19-*	59	4.3	20.0	17.9	2092	82.4
	PCSA065-13-*	65	7.1	17.9	15.8	1295	51.0
	PCSA065-16-*	65	5.1	18.8	16.7	1595	62.8
	PCSA065-19-*	65	4.7	19.5	17.4	1905	75.1
	PCSA090-13-*	90	7.0	16.4	14.3	1295	51.0
	PCSA090-16-*	90	5.1	17.3	15.2	1595	62.8
	PCSA090-19-*	90	4.8	18.0	15.9	1905	75.1
	PCSA105-13-*	105	7.0	15.7	13.6	1295	51.0
	PCSA105-19-*	105	4.7	17.3	15.2	1905	75.0
	PCSA115-13-*	115	6.0	15.4	13.3	1295	51.0
	PCSA115-16-*	115	5.5	16.3	14.2	1595	62.8
	PCSA115-19-*	115	5.0	17.0	14.9	1905	75.1
	PCSS065-06-*	65	14.0	14.2	12.1	650	25.6
	PCSS065-10-*	65	9.5	16.3	14.2	1007	39.7
	PCSS065-13-*	65	7.5	17.5	15.4	1300	51.2
	PCSS065-16-*	65	5.7	17.9	15.8	1592	62.7
	PCSS065-19-*	65	5.0	18.6	16.5	1877	74.0
	PCSS090-06-*	95	14.0	12.6	10.5	650	25.6
	PCSS090-10-*	90	10.3	14.8	12.7	1007	39.7
	PCSS090-13-*	95	7.3	16.0	13.9	1300	51.2
	PCSS090-16-*	85	5.7	16.5	14.4	1592	62.7
	PCSS090-19-*	100	5.0	17.2	15.1	1877	74.0
	PCSC360-25-*	360	4.5	11.0	8.9	2465	97.0
	PCSM360-016-*	360	70.0	2.0	0.0	160	6.3
	<b>Dual Pole</b>	PCSD085-17-*	90	6.0	16.0	13.9	1674
PCSD090-19-AS		90	5.0	17.3	15.2	1905	75.0
PCSD090-20-*		90	5.0	17.0	14.9	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)
<b>Vertical Pole</b> PCSA030-19*	82.4	11.5	8.0	123	50	75	33.0	9.6	56.7
PCSA033-13-*	51.0	16.8	7.5	85	65	57	21.7	9.6	43.7
PCSA033-19-*	75.0	16.8	7.5	123	50	83	31.2	9.6	57.2
PCSA060-19-*	82.4	9.2	7.5	123	42	75	27.5	9.6	51.2
PCSA065-13-*	51.0	8.5	7.5	84	27	52	17.2	9.7	39.6
PCSA065-16-*	62.8	8.5	7.5	103	34	63	20.7	9.7	44.0
PCSA065-19-*	75.1	8.5	7.5	123	40	75	24.6	9.7	48.4
PCSA090-13-*	51.0	9.5	6.3	82	30	43	16.7	9.7	39.6
PCSA090-16-*	62.8	9.5	6.3	101	37	53	20.2	9.7	44.0
PCSA090-19-*	75.1	9.5	6.3	120	44	63	24.0	9.7	48.4
PCSA105-13-*	51.0	8.0	5.4	84	28	34	16.5	9.6	39.6
PCSA105-19-*	75.0	8.3	5.6	123	22	31	22.2	9.6	48.4
PCSA115-13-*	51.0	8.3	5.7	84	27	39	15.6	9.7	39.6
PCSA115-16-*	62.8	8.3	5.7	103	34	48	18.9	9.7	44.0
PCSA115-19-*	75.1	8.3	5.7	123	40	58	22.2	9.7	48.4
PCSS065-06-*	25.6	7.9	1.6	39	39	3	4.8	6.6	16.5
PCSS065-10-*	39.7	7.9	1.6	67	67	6	7.5	6.6	19.8
PCSS065-13-*	51.2	7.9	1.6	85	85	7	9.7	6.6	22.0
PCSS065-16-*	62.7	7.9	1.6	107	107	9	11.9	6.6	24.2
PCSS065-19-*	74.0	7.9	1.6	127	127	11	14.1	6.6	27.5
PCSS090-06-*	25.6	7.9	1.6	39	39	3	4.6	6.6	16.5
PCSS090-10-*	39.7	7.9	1.6	67	67	6	7.5	6.6	19.8
PCSS090-13-*	51.2	7.9	1.6	85	85	7	9.7	6.6	22.0
PCSS090-16-*	62.7	7.9	1.6	107	107	9	11.9	6.6	24.2
PCSS090-19-*	74.0	7.9	1.6	127	127	11	14.1	6.6	27.5
PCSC360-25-*	97.0	2.8	2.8	56	56	56	41.1	15.4	31.0
PCSM360-016-*	6.3	0.5	0.5	N/A	N/A	N/A	0.0	N/A	N/A
<b>Dual Pole</b> PCSD085-17-*	65.9	7.8	1.6	107	107	9	11.8	6.6	24.2
PCSD090-19-AS	75.0	9.1	6.2	120	44	63	26.4	9.6	50.6
PCSD090-20-*	77.1	7.8	1.6	127	127	11	15.4	6.6	27.5