

# SMALL CELL ANTENNAS

## GEN4 ANTENNAS



Amphenol's high gain, high port count small cell antennas deliver optimal coverage across the full sub-6 spectrum, including the **entire n77 band**.

- Feature **industry leading gains**
- Cover the full n77 band (3.3-4.2 GHz)
- An increase in n77 gains improves the **balance between mid and C-BANDs**
- Optimized by band to provide best-in-class MIMO performance in the desired coverage area for all bands, resulting in maximum spectral efficiency
- Offer **C-BAND PIM at -153dBc**
- Can be easily swapped with existing legacy antennas, minimizing zoning hassles
- Optimal use with 4T4R radios
- **High port counts** with a high number of ports dedicated to C-BAND (3.7-3.98 GHz)

### GEN4 CANISTER ANTENNAS OMNI PATTERN



Height	Total Port Count	Model Number	Port Count by Frequency					Max Gain by Frequency (dBi)					Tilt Options by Frequency (°)					Length x Diameter inches (Weight lbs)
			617..906	696..960	1695..2700	3300..4200	5150..5925	617..896	696..960	1695..2700	3300..4200	5150..5925	617..896	696..960	1695..2700	3300..4200	5150..5925	
1.5 FT	12	2C2U2VT360X05Fwsys4	4	4	4			4.8	11.0	10.2			0	0	0		18.0 x 14.6 (33)	
	10	C2U2VT360X05Fwsys4	2	4	4			6.8	10.7	10.2			0	0	0		18.0 x 14.6 (31)	
2 FT	28	2L6U6VT360X06Fwsys4	4	12	12			5.7	9.0	10.5			0	0,2,4,6	0,2,4,6		23.9 x 14.6 (32)	
	24	2C6U4VT360X06Fwsys4	4	12	8			5.1	8.7	9.3			0	2,4,6	0		23.9 x 14.6 (31)	
	24	2L6U4VT360X06Fwsys4	4	12	8			5.7	8.7	6.7			0	0,2,4,6	0		23.9 x 14.6 (30)	
	24	2C4U6VT360X06Fwsys5	4	8	12			5.4	9.5	11.8			0	2,4,6	2,4,6		24.0 x 14.6 (29)	
	24	6U6VT360X06Fsys5		12	12				8.8	11.5				2,4,6	2,4,6		23.9 x 14.6 (25)	
	20	2C6U2VT360X06Fwsys4	4	12	4			5.6	8.2	11.1			0	0,2,4,6	0		24.0 x 14.6 (28)	
	20	2L4U4VT360X06Fwsys4	4	8	8			5.7	7.9	8.7			0	0,2,4,6	0		23.9 x 14.6 (29)	
	20	2C4U4VT360X06Fwsys4	4	8	8			5.0	7.9	9.0			0	0,2,4,6	0		23.9 x 14.6 (29)	
	20	4U6VT360X06Fsys5		8	12				9.5	11.5				2,4,6	2,4,6		23.9 x 14.6 (28)	
	20	4U6VT360X06Fsys4		8	12				11.3	11.0 10.3				2,4,6	2,4,6		24.0 x 14.6 (33)	
	16	4U4VT360X06Fsys4		8	8				10.4	12.9				0,2,4,6	0,2, 4,6		23.9 x 14.6 (29)	
	14	2C2U3MT360X06Fwsys4	4	4	4	2		4.6	8.9	7.6	6.0		0	2,4,6	0	0	23.9 x 14.6 (25)	
	14	4U3MT360X06Fsys4		8	4	2			10.4	8.1	6.0			2,4,6	0	0	23.9 x 14.6 (29)	
	12	2U4VT360X06Fsys4		4	8				12.3	12.1				2,4,6	2,4,6		23.9 x 9.5 (20)	
	10	C4UT360X06Fsys4	2	4	4			7.8	10.3 6.8				0	2,4,6 2,4,6			23.9 x 14.6 (33)	

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			617..906	696..960	1695..2700	3300..4200	5150..5925	617..896	696..960	1695..2700	3300..4200	5150..5925	617..896	696..960	1695..2700	3300..4200	5150..5925	
			Refer to datasheets for exact operating frequencies of each antenna.															
4 FT	32	4C6U6VT360X12Fwsys5	8	12	12			5.6	8.8	10.0			0	2,4,6	2,4,6		47.4 x 14.6 (46)	
	32	4L6U6VT360X12Fwsys5	8	12	12			5.8	8.8	9.9			0	2,4,6	2,4,6		47.4 x 14.6 (46)	
	32	2C6U8VT360X12Fwsys5	4	12	16			8.5	10.7	10.7			0,4	2,4,6	2,4,6		48.0 x 18.0 (70)	
	28	2C6U6VT360X12Fwsys5	4	12	12			4.9	11.6	12.4			0	0,2, 4,6	0,2, 4,6		47.6 x 14.6 (45)	
	24	2C6U4MT360X12Fwsys4	4	12	4	4		4.6	9.9	6.3	6.0		0	2,4,6	0	0	47.6 x 14.6 (45)	
	24	6U6VT360X12Fsys5		12	12				10.9	12.8				2,4,6	2,4,6		47.4 x 14.6 (64)	
	20	6U4MT360X12Fsys4		12	4	4			10.3	6.5	5.6			2,4,6	0	0	47.4 x 14.6 (42)	
	16	4U4VT360X12Fsys5		8	8				12.6	11.3				2,4,6	0,2,4,6		48.0 x 14.6 (48)	
	10	C4UT360X12Fsys4	2	4	4			9.7	12.7	10.3			0	2,4,6 2,4,6			48.0 x 14.6 (35)	

## GEN4 CANISTER ANTENNAS SECTOR & OMNI COMBINATION (S=Sector, O=Omni)

Height	Total Port Count	Model Number	Port Count by Frequency					Max Gain by Frequency (dBi)					Tilt Options by Frequency (°)					Length x Diameter inches (Weight lbs)
			617..906	696..960	1695..2700	3300..4200	5150..5925	617..896	696..960	1695..2700	3300..4200	5150..5925	617..896	696..960	1695..2700	3300..4200	5150..5925	
			Refer to datasheets for exact operating frequencies of each antenna.															
2 FT	32	2C4U4MTSP1X06Fwsys4	6-S 2-O	12-S 4-O	4-O 4-O			8.3-S 4.9-O	12.3-S 8.1-O	6.1	5.3		0	0,2, 4,6	0	0	23.9 x 14.6 (31)	
	32	4U4VTSP1X06Fsys5		12-S 4-O	12-S 4-O				13.5-S 10.2-O	15.0-S 12.3-O				0,2, 4,6	0,2, 4,6		23.9 x 14.6 (31)	
	22	C2U2VTSP1X06Fwsys4	6-S	12-S	4-O				10.4-S	14.3-S	9.2-O			0	2,4,6	6	24.0 x 14.6 (25)	
	14	C2U2VTSP2X06Fwsys4	2-O	4-O	6-S 2-O			7.3-O	9.9-O	11.5-S 8.4-O				0	2,4,6	6	24.0 x 14.6 (24)	
4 FT	32	4U4VTSP1X12Fsys5		12-S 4-O	12-S 4-O				14.6-S 13.2-O	16.5-S 12.1-O					2,4,6	2,4,6	47.6 x 14.6 (42)	
	28	6U4MTSP1X12Fsys4		12-S 8-O	4-O	4-O			14.7-S 9.9-O	6.1	5.8			2,4,6	0	0	47.4 x 14.6 (44)	