

Small Cell & iDAS Antennas

QUICK REFERENCE GUIDE



CONNECTING
PEOPLE +
TECHNOLOGY

Get coverage and capacity where it's needed with Amphenol's unobtrusive, easily deployable small cell and in-building antennas. An extensive offering ensures ideal coverage for virtually all applications. Choose from eight different small cell canister configurations including omni, omni & sector combination, peanut-shape, heart-shape, clover-shape, back-to-back sector, dual sector and single sector. Also available are fixed tilt small cell panels and a variety of in-building coverage antennas.



LOW=696..960 MHz • MID=1695..2700 MHz • CBRS=3550-3700 or 3300-4200 MHz* • LAA=5150-5925 MHz

CANISTER ANTENNAS
PSEUDO OMNI PATTERN

Height	Total Ports	Model Number	Port Count by Band				Gain by Band dBi (avg)				Tilt Options by Band (°)				Available with GPS	Dimensions in (Weight lbs)
			LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA		
2 FT	20	2C6U2VT360X06Fwxys4*	4	12	4		4.4	6.2	9.2		0	2,4,6	0		YES	24.0 x 14.6 (28)
	20	2C4U4MT360X06Fwxys4*	4	8	4	4	4.0	7.4	6.7	5.0	0	2,4,6	0	0	YES	24.0 x 14.6 (29)
	20	4U6VT360X06Fxyys4*		8	12			9.0	8.7			2	2		NO	24.0 X 14.6 (25)
	18	2C4U3MT360X06Fwxys4*	4	8	4	2	4.0	7.4	5.8	5.0	0	2,4,6	0	0	NO	23.9 x 14.6 (25)
	16	4U4MT360X06Fxyys4*		8	4	4		9.5	5.9	5.1		2,4,6	0	0	YES	24.6 x 14.6 (29)
	14	2C2U3MT360X06Fwxys4*	4	4	4	2	3.9	7.5	6.1	5.1	0	2,4,6	0	0	NO	23.9 x 14.6 (25)
	14	4U3MT360X06Fxyys4*		8	4	2		9.6	6.6	4.6		2,4,6	0	0	NO	24.6 x 14.6 (29)
	12	C2U3MT360X06Fxyys0	2	4	4	2	6.0	7.2	6.6	5.3	0,5	0,6	0	0	NO	24.0 x 14.6 (24)
	8	2C2UT360X06Fxyys0	4	4			3.3	9.1			0	0,6			NO	24.0 x 14.6 (23)
	6	CUUT360X06Fxyz0	2	4			6.0	9.6			0,5	0,4,6			NO	24.2 x 14.6 (22)
4 FT	4	2C2UT360X06Fxyys1	2DP	2DP			2.7	8.3			0	0,6			NO	24.0 x 14.6 (23)
	4	CUT360X06Fxyz0	2	2			6.0	9.4			0,5	0,6			NO	24.0 x 14.6 (22)
	4	UUT360X06F0yz0		4				9.4				0,6			NO	24.0 x 14.6 (20)
	2	CUT360X06Fxyys1	1DP	1DP			5.7	9.6			0,5	0,6			NO	24.0 x 14.6 (21)
	2	WT360X06Fx60		2				6.6				0,2			NO	24.0 x 7.5 (13)
	24	2C6U4MT360X12Fwxys4*	4	12	4	4	3.8	8.5	5.8	5.2	0,4	2,4,6	0	0	YES	47.6 x 14.6 (45)
	24	2C6U4MT360X12Fwxys0	4	$\frac{4}{8}$	4	4	6.6	$\frac{7.9}{9.7}$	6.3	5.1	0,4	2,4,6	0	0	NO	48.0 x 18.0 (56)
	20	6U4MT360X12Fxyys4*		12	4	4		9.2	5.8	4.6		2,4,6	0	0	YES	47.4 x 14.6 (42)
	16	4U4MT360X12Fxyys0		8	4	4		11.6	4.9	5.1		2,4,6	0	0	NO	48.0 x 14.6 (44)
	12	C2U3MT360X12Fxyys0	2	4	4	2	7.9	9.3	4.3	4.1	0,5	0,6	0	0	NO	48.0 x 14.6 (36)
4 FT	12	2C4UT360X12Fxyys0	4	8			5.8	9.3			0	0,2,4,6			NO	48.0 x 14.6 (38)
	8	2C2UT360X12Fxyys0	4	4			5.2	9.1			0,5	0,6			NO	48.0 x 14.6 (38)
	6	CUUT360X12Fxyz0	2	4			8.9	11.2			0,6,12	0,4			NO	48.1 x 14.6 (38)
	4	CUT360X12Fxyz0	2	2			8.9	11.2			0,6	0,4			NO	48.0 x 14.6 (38)
	2	CUT360X12Fxyys1	1DP	1DP			8.9	11.2			0,6	0,4			NO	48.0 x 14.6 (37)
	2	WT360X12Fxx10		2				9.5				0,2,6			NO	48.0 x 7.5 (19)

CANISTER ANTENNAS
OMNI & SECTOR COMBINATION (O=Omni; S=Sector)

Height	Total Ports	Model Number	Port Count by Band				Gain by Band dBi (avg)				Tilt Options by Band (°)				Available with GPS	Dimensions in (Weight lbs)
			LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA		
2 FT	32	2C4U4MTSP1X06Fwxys4*	$\frac{6-S}{2-O}$	$\frac{12-S}{4-O}$	4-O	4-O	$\frac{7.5-S}{4.1-O}$	$\frac{10.5-S}{7.0-O}$	5.7	4.6	0	2,4,6	0	0	YES	24.1 x 14.6 (31)
	26	C2U4MTSP1X06Fxyys0	6-S	12-S	4-O	4-O	9.8	13.1	5.5	4.2	0	6	0	0	NO	24.0 x 14.6 (28)
	24	4U4MTSP1X06Fxyys4*		$\frac{12-S}{4-O}$	4-O	4-O		$\frac{13.2-S}{9.4-O}$	6.5	4.9		2,4,6	0	0	YES	23.9 x 14.6 (29)
4 FT	28	6U4MTSP1X12Fxyys4*		$\frac{12-S}{8-O}$	4-O	4-O		$\frac{13.5-S}{8.9-O}$	5.5	5.1		2,4,6	0	0	YES	47.4 x 14.6 (44)
	24	4U4MTSP1X12Fxyys0		$\frac{12-S}{4-O}$	4-O	4-O		$\frac{15.7-S}{11.7-O}$	4.9	5.1		2,4,6	0	0	NO	48.1 x 14.6 (43)

CANISTER ANTENNAS
PEANUT-SHAPE PATTERN

Height	Total Ports	Model Number	Port Count by Band				Gain by Band dBi (avg)				Tilt Options by Band (°)				Available with GPS	Dimensions in (Weight lbs)
			LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA		
2 FT	18	2C4U3MB180X06Fwxys4*	4	8	4	2	4.6	7.7	6.7	4.7	0	2,4,6	0	0	YES	24.0 x 14.6 (29)
	8	2C2UB180X06Fxyys0	4	4			4.9	10.6			0	0,6			NO	24.0 x 14.6 (30)
	6	CUUB180X06Fxyz0	2	4			6.8	10.6			0,5	0,6			NO	24.0 x 14.6 (28)
	4	CUB180X06Fxyz0	2	2			6.8	11.6			0,5	0,6			NO	24.0 x 14.6 (28)
	4	UUB180X06Fyz0		4				10.6				0,6			NO	24.0 x 14.6 (27)
4 FT	12	C2U3MB180X12Fwxys0	2	4	4	2	10.3	10.7	6.4	5.1	0,5	2,6	0	0	NO	48.0 x 14.6 (36)
	6	CUUB180X12Fxyz0	2	4			9.6	13.0			0,12	0,4			NO	48.0 x 14.6 (34)

CANISTER ANTENNAS
HEART-SHAPE PATTERN

Height	Total Ports	Model Number	Port Count by Band				Gain by Band dBi (avg)				Tilt Options by Band (°)				Available with GPS	Dimensions in (Weight lbs)
			LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA		
2 FT	18	2C4U3MD120X06Fwxys4*	4	8	4	2	5.0	7.6	6.4	4.3	0	2,4,6	0	0	YES	24.0 x 14.6 (29)
	8	2C2UD120X06Fxyys0	4	4			3.4	11.2			0	0,6			NO	24.0 x 14.6 (28)
	6	CUUD120X06Fxyz0	2	4			6.8	11.2			0,5	0,6			NO	24.0 x 14.6 (28)
	4	CUD120X06Fxyz0	2	2			6.8	11.2			0,5	0,6			NO	24.0 x 14.6 (28)
4 FT	12	C2U3MD120X12Fwxys0	2	4	4	2	9.8	10.8	6.2	5.0	0,5	2,6	0	0	NO	48.0 x 14.6 (36)
	6	CUUD120X12Fxyz0	2	4			9.3	13.0			0,6,12	0,4			NO	48.0 x 14.6 (33)

CANISTER ANTENNAS
CLOVER-SHAPE PATTERN



Height	Total Ports	Model Number	Port Count by Band				Gain by Band dBi (avg)				Tilt Options by Band (°)				Available with GPS	Dimensions in (Weight lbs)
			LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA		
2 FT	24	2C2UT070X06Fxy0	12	12			6.9	13.3			0	0,6			NO	24.0 x 14.6 (25)
	18	CUUT070X06Fxyz0	6	12			9.5	13.7			0,5	0,4,6			NO	24.0 x 14.6 (26)
	12	2C2UT070X06Fxy1	6DP	6DP			6.5	12.8			0	0,6			NO	24.0 x 14.6 (35)
	12	CUT070X06Fxyz0	6	6			9.5	13.7			0,5	0,6			NO	24.0 x 14.6 (24)
	12	UUT070X06Fyz0		12				13.7				0,6			NO	24.0 x 14.6 (23)
	6	CUT070X06Fxyz1	3DP	3DP			9.2	13.4			0,5	0,6			NO	24.0 x 14.6 (22)
	6	WB3X080X06Fx60		6				13.2				0,2			NO	24.0 x 7.5 (13)
4 FT	24	2C2UT070X12Fxy0	12	12			10.0	13.7			0,5	0,6			NO	48.0 x 14.6 (42)
	18	CUUT070X12Fxyz0	6	12			12.5	16.4			0,6,8,12	0,3,4			NO	48.0 x 14.6 (42)
	12	2C2UT070X12Fxy1	6DP	6DP			9.7	13.4			0,5	0,6			NO	48.0 x 14.6 (42)
	12	CUT070X12Fxyz0	6	6			12.5	16.4			0,6	0,4			NO	48.0 x 14.6 (40)
	6	CUT070X12Fxyz1	3DP	3DP			12.2	16.1			0,6	0,4			NO	48.0 x 14.6 (38)
	6	WB3X080X12Fx10		6				15.9				0,2,6			NO	48.0 x 7.5 (19)

CANISTER ANTENNAS
BACK-TO-BACK PATTERN



Height	Total Ports	Model Number	Port Count by Band				Gain by Band dBi (avg)				Tilt Options by Band (°)				Available with GPS	Dimensions in (Weight lbs)
			LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA		
2 FT	12	CUUB070X06Fxyz0	4	8			9.5	13.7			0,5	0,6			NO	24.0 x 14.6 (24)
	8	CUB070X06Fxyz0	4	4			9.5	13.7			0,5	0,6			NO	24.0 x 14.6 (23)
	4	CUB070X06Fxyz1	2DP	2DP			9.2	13.4			0,5	0,6			NO	24.0 x 14.6 (21)
	4	WB080X06Fx60		4				13.2				0,2			NO	24.0 x 7.5 (13)
4 FT	12	CUUB070X12Fxyz0	4	8			12.5	16.4			0,6	0,4			NO	48.0 x 14.6 (40)
	8	CUB070X12Fxyz0	4	4			12.5	16.4			0,6	0,4			NO	48.0 x 14.6 (39)
	4	CUB070X12Fxyz1	2DP	2DP			12.2	16.1			0,6	0,4			NO	48.0 x 14.6 (37)



All canister antennas are available with a grey, black or brown radome.

CANISTER ANTENNAS
DUAL SECTOR PATTERN



Height	Total Ports	Model Number	Port Count by Band				Gain by Band dBi (avg)				Tilt Options by Band (°)				Available with GPS	Dimensions in (Weight lbs)
			LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA		
2 FT	12	CUUD070X06Fxyz0	4	8			9.5	13.7			0,5	0,6			NO	24.0 x 14.6 (24)
	8	CUD070X06Fxyz0	4	4			9.5	13.7			0,5	0,6			NO	24.0 x 14.6 (23)
	4	CUD070X06Fxyz1	2DP	2DP			9.2	13.4			0,5	0,6			NO	24.0 x 14.6 (22)
	4	WD080X06Fx60		4				13.2				0,2			NO	24.0 x 7.5 (13)
4 FT	12	CUUD070X12Fxyz0	4	8			12.5	16.4			0,6	0,4			NO	48.0 x 14.6 (40)
	8	CUD070X12Fxyz0	4	4			12.5	16.4			0,6	0,4			NO	48.0 x 14.6 (39)
	4	CUD070X12Fxyz1	2DP	2DP			12.2	16.1			0,6	0,4			NO	48.0 x 14.6 (38)





CANISTER ANTENNAS
SINGLE SECTOR PATTERN



Height	Total Ports	Model Number	Port Count by Band				Gain by Band dBi (avg)				Tilt Options by Band (°)				Available with GPS	Dimensions in (Weight lbs)
			LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA		
2 FT	18	2C4U3MS070X06Fwxy4*	4	8	4	2	7.4	10.9	9.0	5.4	0	2,4,6	0	0	YES	24.6 x 14.6 (24)
	6	CUUS070X06Fxyz0	2	4			9.5	13.7			0,5	0,6			NO	24.0 x 14.6 (22)
	4	CUS070X06Fxyz0	2	2			9.5	13.7			0,5	0,6			NO	24.0 x 14.6 (22)
	2	CUS070X06Fxyz1	1DP	1DP			9.2	13.4			0,5	0,6			NO	24.0 x 14.6 (21)
4 FT	2	WS080X06Fx60		2				13.2				0,2			NO	24.0 x 7.5 (13)
	6	CUUS070X12Fxyz0	2	4			12.5	16.4			0,6,12	0,4			NO	48.0 x 14.6 (38)
	4	CUS070X12Fxyz0	2	2			12.5	16.4			0,6	0,4			NO	48.0 x 14.6 (38)
	2	CUS070X12Fxyz1	1DP	1DP			12.2	16.1			0,6	0,4			NO	48.0 x 14.6 (37)

CANISTER ANTENNAS
MOUNTING OPTIONS

Mounting kits for canister antennas must be ordered separately. Refer to antenna data sheets to determine which mounting options are compatible.

Side Mounting	Top Mounting	Utility Pole Mounting	Wide Diameter Pole Mounting
CWT-MKS-SIDE	CWT-MKS-TOP	WB3X-MKS-01	CWT-MKS-BASE-xx
			

LOW=696..960 MHz • MID=1695..2700 MHz • CBRS=3550-3700 or 3300-4200 MHz* • LAA=5150-5925 MHz

**FIXED TILT, SMALL CELL
PANEL ANTENNAS**



Height	Beamwidth	Total Ports	Model Number	Port Count by Band				Gain by Band dBi (avg)				Tilt Options by Band (°)				Dimensions L x W x D in (Weight lbs)	
				LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA	LOW	MID	CBRS	LAA		
1 FT	65°	6	CUUX063X03Fxyz0	2	4			8.0	7.5			0	0			12.1 x 12.2 x 7.0 (7.4)	
		4	CUX063X03Fxyz0	2	2			7.8	7.5			0	0			12.1 x 12.2 x 7.0 (6.7)	
		2	CX063X03Fx0z0	1	1			7.5	8.0			0	0			12.1 x 12.2 x 7.0 (5.9)	
	33°	6	CUUX033X03Fxyz0	2	4			9.8	10.5			0	0			12.1 x 26.6 x 7.0 (13)	
		4	CUX033X03Fxyz0	2	2			9.8	10.5			0	0			12.1 x 26.6 x 7.0 (12)	
		6	CUUX022X03Fxyz0	2	4			11.3	11.2			0	0			12.1 x 37.7 x 7.0 (16)	
2 FT	85°	4	CUX085X06Fxyz0	2	2			9.5	12.8			0	0		24.3 x 12.1 x 7.0 (12)		
	65°	18	2C4U3MX065X06Fwxyz0	4	8	4	2	7.8	11.0	8.2	4.6	0	2,4,6	0	0	24.9 x 13.5 x 9.7 (16)	
		16	4U4MX065X06Fxyz0		8	4	4		14.2	10.5	4.1			2,4,6	0	0	24.7 x 18.2 x 10.6 (24)
		10	2U3MX065X06Fxyz0		4	4	2		14.4	10.8	5.1			2,6,10	0	0	24.3 x 11.8 x 6.7 (12)
	45°	6	HTXCWW63111414Fxy0	2	4			10.8	13.8			0,2,5	0,2,4,6			23.2 x 12.0 x 7.1 (13)	
		6	CUUX063X06Fxyz0	2	4			10.8	13.9			0,2,5,10	0,2,4,6,10			24.3 x 12.1 x 7.0 (13)	
		4	CUX063X06Fxyz0	2	2			10.8	13.8			0	0			24.3 x 12.1 x 7.0 (12)	
	45°	6	HTXCWW4513Fxy0	2	4			13.1	13.5			0,20	0,10			24.1 x 16.2 x 7.3 (16)	
		6	CUUX045X06Fxy00	2	4			13.0	13.8			0	0			24.1 x 16.2 x 7.3 (16)	

**OMNI & DIRECTIONAL
IN-BUILDING ANTENNAS**



Config.	Pattern Type	Antenna Type	Total Ports	Model Number	Frequency Range (MHz)	Polarization	Gain by Band dBi (avg)					Dimensions L x W x D in (Weight lbs)
							UHF	LOW	MID	CBRS	LAA	
MIMO	Omni	Ceiling Mount	2	MPA360-UWBVMIMO-x	698-6000	VPOL		4.7	8.5	6.1	8.2	14.0 x 14.0 x 1.7 (1.9)
			2	5005370A	698-4000	2x LINEAR		3.3	4.5	5.0		Ø8.6 x 1.6 (1.1)
	Directional	MicroCell Panel	2	7834400	698-2700	XPOL		5.5	7.0			12.1 x 7.5 x 2.6 (2.0)
			2	7834450	698-4000	V/HPOL		5.5	7.3	5.5		15.7 x 7.1 x 2.4 (2.6)
SISO	Omni	Ceiling Mount	1	MPA360-UWBVSISO-x	698-6000	VPOL		4.8	8.5	6.2	8.2	14.0 x 14.0 x 1.7 (1.5)
			1	5052470	698-6000	VPOL		1.9	3.0	4.5	4.5	Ø8.0 x 4.5 (0.8)
			1	5086000A	698-4000	HPOL		2.9	4.5	6.0		Ø8.7 x 0.7 (0.7)
	Directional	MicroCell Panel	1	7825700	696-2700	VPOL		1.5	2.9			8.1 x Ø1.2 (0.24)
			1	5003700	698-4000	VPOL		5.5	7.3	5.5		7.1 x 6.7 x 2.4 (0.8)
			1	5003500	698-2700	VPOL		5.8	7.3			6.5 x 6.1 x 2.0 (0.8)
Public Safety	Omni	Ceiling Mount	1	5086100A	380-2700	HPOL	2.0	2.2	4.5			Ø10.5 x 0.7 (0.9)
			1	5052460	380-6000	VPOL	2.0	2.5	4.0	4.0	4.0	Ø11.7 x 6.0 (1.8)

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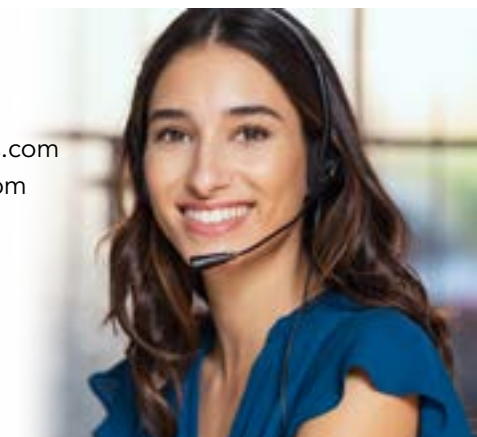
QUESTIONS? CONTACT US:

- PRE-SALE INQUIRIES (quotes, product info)... customerservice@amphenol-antennas.com
- POST-SALE INQUIRIES (ship dates, tracking) .. customercare@amphenol-antennas.com
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We're here to help!



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