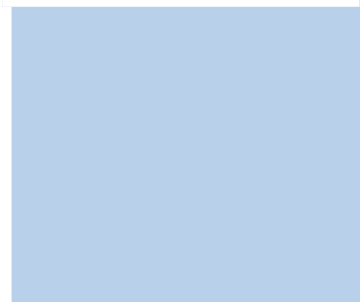
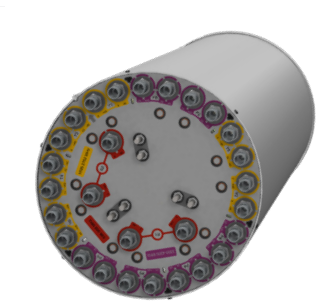
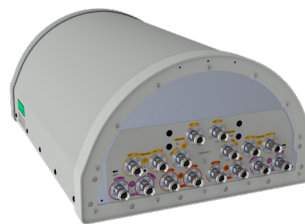


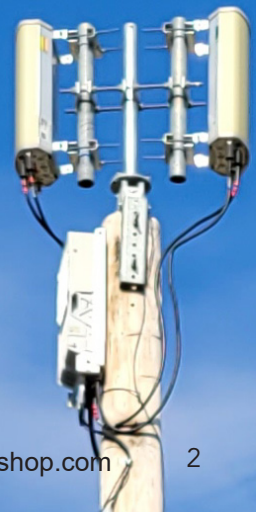


Get coverage and capacity where it's needed with Amphenol's extensive offering of small cell antennas. Our latest GEN4 designs feature industry leading gains and operate across the entire n77 band.



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GEN4 ANTENNAS

- 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)

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





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)	
			Refer to datasheets for exact operating frequencies of each antenna.																
			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	2C2U2VT360X05Fwxys4	4	4	4		4.8	11.0	10.2		0	0	0			18.0 x 14.6 (33)			
	10	C2U2VT360X05Fwxys4	2	4	4		6.8	10.7	10.2		0	0	0			18.0 x 14.6 (31)			
2 FT	28	2L6U6VT360X06Fwxys4	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	2C6U4VT360X06Fwxys4	4	12	8		5.1	8.7	9.3		0	2,4,6	0			23.9 x 14.6 (31)			
	24	2L6U4VT360X06Fwxys4	4		12	8		5.7		8.7	6.7		0		0,2,4,6 0	23.9 x 14.6 (30)			
	24	2C4U6VT360X06Fwxys5	4	8	12		5.4	9.5	11.8		0	2,4,6	2,4,6			24.0 x 14.6 (29)			
	24	6U6VT360X06Fxys5			12	12			8.8	11.5			2,4,6	2,4,6		23.9 x 14.6 (25)			
	20	2C6U2VT360X06Fwxys4	4	12	4		5.6	8.2	11.1		0	0,2,4,6	0			24.0 x 14.6 (28)			
	20	2L4U4VT360X06Fwxys4	4		8	8		5.7		7.9	8.7		0		0,2,4,6 0	23.9 x 14.6 (29)			
	20	2C4U4VT360X06Fwxys4	4	8	8		5.0	7.9	9.0		0	0,2,4,6	0			23.9 x 14.6 (29)			
	20	4U6VT360X06Fxys5			8	12			9.5	11.5			2,4,6	2,4,6		23.9 x 14.6 (28)			
	20	4U6VT360X06Fxys4			8	12			11.3	11.0 10.3			2,4,6	2,4,6		24.0 x 14.6 (33)			
	16	4U4VT360X06Fxys4			8	8			10.4	12.9			0,2,4,6	0,2, 4,6		23.9 x 14.6 (29)			
	14	2C2U3MT360X06Fwxys4	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	4U3MT360X06Fxys4			8	4	2		10.4	8.1	6.0		2,4,6	0	0	23.9 x 14.6 (29)			
	12	2U4VT360X06Fxys4			4	8			12.3	12.1			2,4,6	2,4,6		23.9 x 9.5 (20)			
	10	C4UT360X06Fxys4	2	4 4			7.8	10.3 6.8			0	2,4,6 2,4,6				23.9 x 14.6 (33)			



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)
			Refer to datasheets for exact operating frequencies of each antenna.															
			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	
4 FT	32	4C6U6VT360X12Fwxys5	8	12	12			5.6	8.8	10.0			0	2,4,6	2,4,6			47.4 x 14.6 (46)
	32	4L6U6VT360X12Fwxys5	8		12	12		5.8		8.8	9.9		0	2,4,6	2,4,6			47.4 x 14.6 (46)
	32	2C6U8VT360X12Fwxys5	4	12	16			8.5	10.7	10.7			0,4	2,4,6	2,4,6			48.0 x 18.0 (70)
	28	2C6U6VT360X12Fwxys5	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	2C6U4MT360X12Fwxys4	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	6U6VT360X12Fxys5			12	12				10.9	12.8			2,4,6	2,4,6			47.4 x 14.6 (64)
	20	6U4MT360X12Fxys4			12	4	4			10.3	6.5	5.6		2,4,6	0	0		47.4 x 14.6 (42)
	16	4U4VT360X12Fxys5			8	8				12.6	11.3			2,4,6	0,2,4,6			48.0 x 14.6 (48)
	10	C4UT360X12Fxys4	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)	
			Refer to datasheets for exact operating frequencies of each antenna.																
			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		
2 FT	32	2C4U4MTSP1X06Fwxys4	6-S 12-S 2-O 4-O 4-O 4-O					8.3-S 12.3-S 4.9-O 8.1-O 6.1 5.3					0 0,2,4,6 0 0					23.9 x 14.6 (31)	
	32	4U4VTSP1X06Fxys5	12-S 12-S 4-O 4-O					13.5-S 15.0-S 10.2-O 12.3-O					0,2,4,6 0,2,4,6					23.9 x 14.6 (31)	
	22	C2U2VTSP1X06Fwxys4	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	C2U2VTSP2X06Fwxys4	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	4U4VTSP1X12Fxys5	12-S 12-S 4-O 4-O					14.6-S 16.5-S 13.2-O 12.1-O					2,4,6 2,4,6					47.6 x 14.6 (42)	
	28	6U4MTSP1X12Fxys4	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)	



GEN4 CANISTER ANTENNAS PEANUT-SHAPE 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)	
			Refer to datasheets for exact operating frequencies of each antenna.																
			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		
2 FT	24	2C6U4VB180X06Fwxys4	4	12	8			5.5	8.3	7.3			0	2,4,6	0			23.9 x 14.6 (40)	
	20	2L4U4VB180X06Fwxys4	4		8	8		5.6		8.5	8.8		0		2,4,6	0		23.9 x 14.6 (28)	
	18	2C4U3MB180X06Fwxys4		4	8	4	2		5.8	9.1	7.2	5.4		0	2,4,6	0	0	24.0 x 14.6 (29)	
	8	2U2VB180X06F64s0			4	4				9.1	9.4				6	4		22.9 x 7.5 (11)	

GEN4 CANISTER ANTENNAS HEART-SHAPE 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)	
			Refer to datasheets for exact operating frequencies of each antenna.																
			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		
2 FT	24	2C6U4VD120X06Fwxys4	4	12	8			5.9	8.4	7.6			0	2,4,6	0			23.9 x 14.6 (40)	
	20	2L4U4VD120X06Fwxys4	4		8	8		5.4		8.2	8.7		0		2,4,6	0		23.9 x 14.6 (28)	
	18	2C4U3MD120X06Fwxys4		4	8	4	2		5.8	8.9	11.2	5.0		0	2,4,6	0	0	24.0 x 14.6 (29)	



GEN4 CANISTER ANTENNAS CLOVER-SHAPE 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)				
			Refer to datasheets for exact operating frequencies of each antenna.																			
			617..906	696..960	1695..2700	3300..4200	5150..5925	617..906	696..960	1695..2700	3300..4200	5150..5925	617..906	696..960	1695..2700	3300..4200	5150..5925					
2 FT	30	C2U2VT070X06Fwxys5	6	12	12			10.2	14.6	13.7			0	2,6	2,6			23.9 x 14.6 (25)				

GEN4 CANISTER ANTENNAS BACK-TO-BACK 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)				
			Refer to datasheets for exact operating frequencies of each antenna.																			
			617..906	696..960	1695..2700	3300..4200	5150..5925	617..906	696..960	1695..2700	3300..4200	5150..5925	617..906	696..960	1695..2700	3300..4200	5150..5925					
2 FT	20	CU3VB070X06Fwxys4	4	4	12			10.7	14.6	13.7			0	2,4,6	6			24.0 x 14.6 (22)				



GEN4 CANISTER ANTENNAS SINGLE-SECTOR 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)				
			Refer to datasheets for exact operating frequencies of each antenna.																			
			617..906	696..960	1695..2700	3300..4200	5150..5925	617..906	696..960	1695..2700	3300..4200	5150..5925	617..906	696..960	1695..2700	3300..4200	5150..5925					
2 FT	18	2C4U3MS070X06Fwxys4	4	8	4	2	8.3	12.1	9.4	6.3	0	2,4,6	0	0	24.1 x 14.6 (31)							



GEN4 PANEL ANTENNAS

FIXED TILT DIRECTIONAL PANELS



Height	Beamwidth	Total Port Count	Model Number	Port Count by Frequency					Max Gain by Frequency (dBi)					Tilt Options by Frequency (°)					Length x Width x Depth inches (Weight lbs)
				Refer to datasheets for exact operating frequencies of each antenna.															
				617 ..906	696..960	1695..2700	3300..4200	5150..5925	617 ..906	696..960	1695..2700	3300..4200	5150..5925	617 ..906	696..960	1695..2700	3300..4200	5150..5925	
1 FT	33°	12	CUVX033S1F0	4	4	4			11.5	13.1	12.5			0	0	0			12.0 x 23.2 x 7.0 (10)
2 FT	65°	24	2L6U4VX065X06Fwxys4	4		12	8		9.1		12.7	11.7		0		2,4,6	0		25.0 x 13.5 x 9.7 (18)
		24	2C6U4VX065X06Fwxys4		4	12	8		8.5	12.2	12.9		0	2,4,6	0		25.0 x 13.5 x 9.7 (18)		
		24	6U6VX065X06Fxys5			12	12			12.0	15.5			2,4,6	2,4,6		24.7 x 18.2 x 10.6 (23)		
		20	2C4U4VX065X06Fwxys4		4	8	8		8.7	12.6	11.6		0	2,4,6	0		25.0 x 13.5 x 9.7 (13)		
		20	2L4U4VX065X06Fwxys4	4		8	8		8.6		12.5	11.6		0		2,4,6	0	25.0 x 13.5 x 9.7 (18)	
		20	4U6VX065X06Fxys5			8	12			14.3	15.9			2,4,6	2,4,6		24.7 x 18.2 x 10.6 (13)		
		18	2C4U3MX065X06Fwxys0 <i>*Does not cover full n77 band*</i>		4	8	4*	2	8.5	12.6	8.8*	6.2		0	2,4,6	0*	0	24.9 x 13.5 x 9.7 (16)	
		10	C4UX065X06Fxys4		2	$\frac{4}{4}$			11.1	$\frac{14.2}{11.5}$				0	2,4,6			23.2 x 12.1 x 7.0 (12)	
		8	LU2VX65X2Fwxy	2		2	4		9.8		14.6	14.1		0		0,6	0,6	25.0 x 14.0 x 9.7 (12)	
4 FT	65°	32	4C6U6VX065X12Fwxyz5		8	12	12		9.3	13.7	15.4			0	2,4,6	2,4,6		48.0 x 20.7 x 8.7 (39)	
		32	4L6U6VX065X12Fwxyz5	8		12	12		9.6		13.8	15.4		0		2,4,6	2,4,6	48.7 x 20.5 x 8.3 (39)	
		28	2C6U6VX065X12Fwxyz5		4	12	12		11.4	11.8	14.6			0	2,4,6	2,4,6		48.0 x 14.0 x 10.0 (23)	
		20	2C4U4VX065X12Fwxys5		4	8	8		11.3	14.8	17.0			0	2,4,6	2,4,6		48.0 x 13.5 x 9.7 (24)	
		16	2C4U2VX065X12wGy		4	8	4		10.7	14.9	16.2			0,5	2-12	3,6		48.0 x 13.5 x 9.7 (28)	
4.5 FT	45°	20	2C4U4VX045X14Fwxys5	4	8	8			13.8	16.4	18.9			0	0,5	0,5		54.8 x 16.0 x 7.1 (36)	



LEGACY SERIES ANTENNAS

The **legacy series** is our first generation of small cell antennas, still being deployed nationwide, but designed for more **niche applications**.

In addition to the standard Omni, Sector + Omni Combination, Peanut-Shape, Heart-Shape and Single-Sector options, the legacy series includes small cell canisters with **Clover-Shape**, **Back-to-Back** and **Dual Sector** pattern configurations.





LEGACY 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)
			Refer to datasheets for exact operating frequencies of each antenna.												
			696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	
2 FT	12	C2U3MT360X06Fxys0	2	4	4	2	6.9	8.5	8.1	5.8	0,5	0,6	0	0	24.0 x 14.6 (24)
	8	2C2UT360X06Fxys0	4	4			3.9	9.3			0	0,6			24.0 x 14.6 (23)
	6	CUUT360X06Fxyz0	2	4			8.3	10.4			0,5	0,4,6			24.2 x 14.6 (22)
4 FT	12	C2U3MT360X12Fxys0	2	4	4	2	8.9	10.6	4.9	4.9	0,5	0,6	0	0	48.0 x 14.6 (36)
	8	2C2UT360X12Fxys0	4	4			6.2	10.2			0,5	0,6			48.0 x 14.6 (38)
	6	CUUT360X12Fxyz0	2	4			9.7	12.7			0,6,12	0,4			48.1 x 14.6 (38)



LEGACY CANISTER ANTENNAS PEANUT-SHAPE 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)
			Refer to datasheets for exact operating frequencies of each antenna.												
			696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	
2 FT	8	2C2UB180X06Fxs0	4	4			5.5	11.5			0	0,6			24.0 x 14.6 (30)
	6	CUUB180X06Fxyz0	2	4			7.5	12.8			0,5	0,6			24.0 x 14.6 (28)
4 FT	6	CUUB180X12Fxyz0	2	4			10.0	14.3			0,12	0,4			48.0 x 14.6 (34)

LEGACY CANISTER ANTENNAS HEART-SHAPE 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)
			Refer to datasheets for exact operating frequencies of each antenna.												
			696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	
2 FT	8	2C2UD120X06Fxs0	4	4			3.5	11.6			0	0,6			24.0 x 14.6 (28)
	6	CUUD120X06Fxyz0	2	4			7.1	11.6			0,5	0,6			24.0 x 14.6 (28)
4 FT	6	CUUD120X12Fxyz0	2	4			10.3	14.1			0,6,12	0,4			48.0 x 14.6 (33)



LEGACY CANISTER ANTENNAS CLOVER-SHAPE 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)
			Refer to datasheets for exact operating frequencies of each antenna.												
			696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	
2 FT	24	2C2UT070X06Fxys0	12	12			7.6	14.9			0	0,6			24.0 x 14.6 (25)
	18	CUUT070X06Fxyz0	6	12			10.0	14.3			0,5	0,4,6			24.0 x 14.6 (26)
	12	CUT070X06Fxyz0	6	6			10.0	14.3			0,5	0,6			24.0 x 14.6 (24)
	6	CUT070X06Fxyz1	3DP	3DP			9.7	14.0			0,5	0,6			24.0 x 14.6 (22)
4 FT	18	CUUT070X12Fxyz0	6	12			13.1	17.5			0,6,8,12	0,3,4			48.0 x 14.6 (42)

LEGACY CANISTER ANTENNAS BACK-TO-BACK 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)
			Refer to datasheets for exact operating frequencies of each antenna.												
			696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	
2 FT	12	CUUB070X06Fxyz0	4	8			10.0	14.3			0,5	0,6			24.0 x 14.6 (24)
4 FT	12	CUUB070X12Fxyz0	4	8			13.1	17.5			0,6	0,4			48.0 x 14.6 (40)



LEGACY CANISTER ANTENNAS DUAL SECTOR 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)
			Refer to datasheets for exact operating frequencies of each antenna.												
			696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	
2 FT	12	CUUD070X06Fxyz0	4	8			10.0	14.3			0,5	0,6			24.0 x 14.6 (24)

LEGACY PANEL ANTENNAS FIXED TILT DIRECTIONAL PANELS

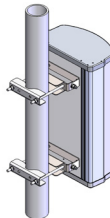
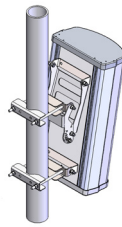
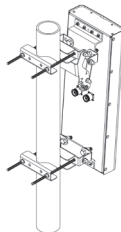


Height	Beamwidth	Total Port Count	Model Number	Port Count by Frequency				Max Gain by Frequency (dBi)				Tilt Options by Frequency (°)				Length x Width x Depth inches (Weight lbs)
				Refer to datasheets for exact operating frequencies of each antenna.												
				696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	696..960	1695..2700	3550..3700	5150..5925	
2 FT	65°	18	2C4U3MX065X06Fwxys0	4	8	4	2	8.7	12.6	8.9	5.3	0	2,4,6	0	0	24.9 x 13.5 x 9.7 (16)
		6	HTXCWW63111414Fxy0	2	4			11.0	14.0			0,2,5	0,2,4,6			23.2 x 12.0 x 7.1 (13)
		6	CUUX063X06Fxyz0	2	4			11.0	14.0			0,2,5,10	0,2,4,6,10			24.3 x 12.1 x 7.0 (13)
	45°	6	HTXCWW4513Fxy0	2	4			13.9	14.1			0,20	0,10			24.1 x 16.2 x 7.3 (16)



CANISTER & PANEL ANTENNA MOUNTING OPTIONS

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

CANISTER SIDE MOUNTING	CANISTER TOP MOUNTING	CANISTER UTILITY POLE MOUNTING	CANISTER WIDE DIAMETER POLE MOUNTING	PANEL POLE MOUNTING KIT	PANEL DOWNTILT MOUNTING KIT	PANEL DOWNTILT MOUNTING KIT
CWT-MKS-SIDE	CWT-MKS-TOP	WB3X-MKS-01	CWT-MKS-BASE-xx	MKS09P01	MKS09T01	36210006
						



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