

# GEN4

## CBRS & C-BAND READY SMALL CELL ANTENNAS



With Improved  
ISO, VSWR  
& GAIN Values



# Why Choose GEN4?

**Future-Proof** with full CBRS/C-BAND 3300-4200 MHz spectrum

**Boost Capacity** with 4x4 and 8x8 MIMO on low, mid and CBRS/C-BAND

Get **targeted coverage** with unique design configurations –  
Omni, Omni & Sector, Peanut and Heart-shape

Optimized VSWR means **faster installs** - LB 1.26:1; MB 1.25:1

GEN4 design offers **improved inter-band isolation** through filtering of  
the subarray/elements with LB at 28 dB and MB at 31 dB

Strengthened solder connections offer **improved IMD** with LB at -158 dBc  
and MB at -165 dBc

# GEN4

## CANISTER DESIGN

Amphenol offers one of the most **diverse** portfolios of small cell antennas...

# SMALL CELL ANTENNAS

IMPROVE NETWORK CAPACITY – **4x4 MIMO**

APPLICATION	HEIGHT	TOTAL PORTS	MODEL NUMBER	LOW BAND	MID BAND	C-BAND* CBRS	LAA		
				Port Count Per Band					
OMNI	2FT	<b>18</b>	2C4U3MT360X06Fwxys4 <i>Available Q4 2020</i>	4	8	4*	2	<b>GEN4</b>	
		<b>18</b>	2C4U3MT360X06Fwxys3	4	8	4*	2		
		<b>16</b>	4U4MT360X06Fxys4	n/a	8	4*	4	<b>GEN4</b>	
		<b>14</b>	2C2U3MT360X06Fwxys4 <i>Available Q4 2020</i>	4	4	4*	2	<b>GEN4</b>	
		<b>14</b>	2C2U3MT360X06Fwxys3	4	4	4*	2		
		<b>14</b>	4U3MT360X06Fxys4 <i>Available Q4 2020</i>	n/a	8	4*	2	<b>GEN4</b>	
			<b>12</b>	C2U3MT360X06Fxys0	2	4	4	2	
	4FT		<b>24</b>	2C6U4MT360X12Fwxys4	4	12	4*	4	<b>GEN4</b>
			<b>20</b>	6U4MT360X12Fxys4	n/a	12	4*	4	<b>GEN4</b>
			<b>12</b>	C2U3MT360X12Fxys0	2	4	4	2	

# SMALL CELL ANTENNAS

IMPROVE NETWORK CAPACITY – **4x4 MIMO**

APPLICATION	HEIGHT	TOTAL PORTS	MODEL NUMBER	LOW BAND	MID BAND	C-BAND* CBRS	LAA	
				Port Count Per Band				
OMNI & SECTOR	2FT	<b>26</b>	C2U4MTSP1X06Fxys0	6 Sector	12 Sector	4 Omni	4 Omni	<b>GEN4</b>
		<b>24</b>	4U4MTSP1X06Fxys4		4 Omni 12 Sector	4 Omni*	4 Omni	
	4FT	<b>28</b>	6U4MTSP1X12Fxys0		8 Omni 12 Sector	4 Omni	4 Omni	
		<b>24</b>	4U4MTSP1X12Fxys0		4 Omni 12 Sector	4 Omni	4 Omni	
PEANUT	2FT	<b>18</b>	2C4U3MB180X06Fwxys0	4	8	4	2	
	4FT	<b>12</b>	C2U3MB180X12Fwxys3	2	4	4*	2	
HEART	2FT	<b>18</b>	2C4U3MD120X06Fwxys0	4	8	4	2	
	4FT	<b>12</b>	C2U3MD120X12Fwxys3	2	4	4*	2	
SINGLE	2FT	<b>18</b>	2C4U3MS070X06Fwxys0	4	8	4	2	
PANEL	2FT	<b>18</b>	2C4U3MX065X06Fwxys0	4	8	4	2	
		<b>16</b>	4U4MX065X06Fxys0		8	4	4	
		<b>10</b>	2U3MX065X06Fxys0		4	4	2	



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## CANISTER DESIGN

Easy to identify...  
Look for **s4**  
in the model number

Number of Bands & Frequency	Type	Beamwidth	Pol.	Length	Tilt	Tilt Options	Con.	Var.	Radome Color	Integrated GPS
2C4U3M	B	180	X	06	F	wxy	s	4	BK-	GPS

**GEN4** small cell antennas have also been optimized mechanically for easy installs and rugged durability.

[Learn more...](#)

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## CANISTER DESIGN

Install Easily.

Connect Reliably.

Blend Seamlessly.

