

# MIMO 2X2 4G/LTE + 2x2 V2X + GPS/BD 5 in 1 External Antenna Specification

Model: DLMIMO-GPS45G-C24

GPS/BD active antenna				
Working frequency	1575/1561Mhz			
Bandwidth	15Mhz			
Passive gain	3dB with 70*70mm ground			
Impedence	50 ohm			
VSRW	$\leq 2:1$			
Polarization	RHCP			
DC power input range	3-5V			
LNA gain	$28 \pm 3$ dB			
Current	$8 \pm 3$ mA			
Noise figure	$\leq 2$			
MIMO 2x2 Cellular 2G/3G/4G				
Frequency Range	2G/3G/4G/5G			
	800-960Mhz	1710-2690Mhz	3300-3800Mhz	4400-5000Mhz
V.S.W.R.	3.5:1	3:1		
Impedence	50Ohm			



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<b>Peak Gain</b>	1.5dBi	3dBi	3.8dBi	4dBi
<b>Efficiency</b>	≥40%	≥50%	≥45%	≥40
<b>Azimuth</b>	Omni-directional			
<b>Polarization</b>	Linear Polarization			
<b>MIMO 2x2 V2X</b>				
<b>Frequency Range</b>	5850-5950Mhz			
<b>Efficiency (cable length = 3.5m)</b>	≥30%			
<b>Efficiency (cable length = 0.3m)</b>	≥80%			
<b>V.S.W.R.</b>	3:1			
<b>Impedence</b>	50Ohm			
<b>Peak Gain</b>	1.5dBi			
<b>Azimuth</b>	Omni-directional			
<b>Polarization</b>	Vertical			
<b>Mechanical</b>				
<b>Casing</b>	ABS			
<b>GPS/BD</b>	3.5M RG174			
	Attenuation: 1.dB/m@1575Mhz			
<b>2G/3G/4G</b>	3.5M RG174			
	Attenuation: 0.35dB/m2900Mhz Attenuation: 0.65dB/m@2500Mhz			
<b>Holding pole</b>	AI alloy			
<b>Testing Conditions</b>				



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<b>Working Temp</b>	-40°C~+85°C
<b>Storage Temp</b>	-45°C~+85°C
<b>Vibration</b>	Sine sweep 1g(0-p) 10~55 ~10Hz each axis

**Size drawing:**

