

MIMO LTE ANTENNA

Outdoor Installation – Integrated with Mast Mount Kit

Model: DS1727G12X65

1710~2700MHz 65° 12dBi ±45 / X-Pol

Mechanical Downtilt: 0°-35, Fixed Electric Tilt: 3°/4°

Frequency Range (MHz)	1710-1990	1990-2170	2170-2700
Polarization (°)	± 45		
Gain (dBi)	12 ± 1		
Fixed Electrical downtilt (°)	3~4		
Half-power beam width (°)	Hor:67	Hor:65	Hor:65
	Ver: 35	Ver: 32	Ver: 25
Front-to-back ratio (dB)	≥28		
Port to Port Isolation	≥20		
Impedance (Ω)	50		
VSWR	≤1.5 (Typical)		
Passive IM3 (dBc)	<-150 (20w/43dBm x 2tones)		
Maximum input power (W)	150		
Lightning protection	DC Ground		

Mechanical specifications	
Connector	7-16 DIN Female x 2
Connector position	Bottom
Height×width×depth (mm)	350×160×80
Packing size (mm)	400×210×220
Antenna weight (kg)	1.3
Installation kit weight (kg)	1
Packing weight (kg)	3.5
Wind loading area (m2)	0.58
Max. wind velocity (m/s)	60
Reflector material	Aluminum Alloy
Radome material	Fiberglass, UV PVC
Radome color	Gray
Mechanical tilt (°)	0~35
Operating temperature (°C)	-50~65
Mounting hardware (mm)	φ50~φ100



MIMO LTE ANTENNA

Indoor Installation – Wall Mount Kit

Model: DP1727G12X65

1710~2700MHz 65° 12dBi ±45 / X-Pol

Fixed Electric Tilt: 3°/4°

Frequency Range(MHz)	1710-1990	1990-2170	2170-2700
Polarization (°)	± 45		
Gain (dBi)	12 ± 1		
Fixed Electrical downtilt (°)	3~4		
Half-power beam width (°)	Hor:68	Hor:66	Hor:65
	Ver: 36	Ver: 33	Ver: 25
Front-to-back ratio (dB)	≥28		
Port to Port Isolation	≥20		
Impedance (Ω)	50		
VSWR	≤1.5 (Typical)		
Passive IM3 (dBc)	<-150 (20w/43dBm x 2tones)		
Maximum input power (W)	100		
Lightning protection	DC Ground		

Mechanical specifications	
Connector	7-16 DIN Female x 2 or N-Type x2
Pigtail Position	Bottom
Height×width×depth (mm)	260×170×62
Packing size (mm)	340×190×90
Antenna weight (kg)	0.8
Installation kit weight (kg)	0.2
Packing weight (kg)	1.5
Reflector material	Aluminum Alloy
Radome material	UV ABS
Radome color	White
Operating temperature (°C)	-50~65

