

# L827PB301414DT

790-960 / 1710-2700MHz 14/14dBi Panel Antenna

## Electrical Specifications

Frequency Range (MHz)	790-960	1710-2700
Horizontal Half-power Beamwidth (°)	35 ± 5	35 ± 5
Vertical Half-power Beamwidth (°)	33 ± 5	33 ± 5
Gain (dBi)	14 ± 1	14 ± 1
Polarization	Vertical	
Front to Back Ratio (dB)	≥25	≥25
Isolation(dB)	≥23	≥25
VSWR	≤1.5	
PIM (dBc)	≤-153@(2×43dBm)	
Average Power, Maximum (W)	200	
Impedance (Ω)	50	



## Mechanical Specifications

Dimensions (mm)	800×450×140
Net Weight (kg)	15 (installation kit included)
Connector	2×7/16DIN Female

## Environmental Specifications

Application	Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Survival Wind Velocity (m/s)	60

## Mounting Specifications

MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED

Mounting Mast Diameter (mm)	Φ 50 to 110
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