

# L7PB3015DR

698-806/806-960MHz 15dBi Panel Antenna

## Electrical Specifications

Frequency Range (MHz)	698-806/806-960
Horizontal Half-power Beamwidth (°)	33 ± 3/30 ± 3
Vertical Half-power Beamwidth (°)	33 ± 3/30 ± 3
Gain (dBi)	14.5 ± 1/15 ± 1
Polarization	± 45°
VSWR	≤ 1.5
PIM(dBc@2×20W)	≤ -150
Front to Back Ratio (dB)	≥ 25
Average Power, Maximum (W)	50
Impedance (Ω)	50



## Mechanical Specifications

Dimensions (mm)	650×588×192
Net Weight (kg)	15 (installation kit included)
Radome Material	Fiberglass
Radome Color	White
Connector	7/16DIN Female

## Environmental Specifications

Application	Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Survival Wind Velocity (km/h)	200

## Mounting Specifications

MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED

Mounting Mast Diameter (mm)	Φ 50 to 115
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## Radiation Pattern

