

L7PB10016VR

698-960 100° 16dBi Panel Antenna

Electrical Specifications

Frequency Range (MHz)	698-806	806-960
Horizontal Half-power Beamwidth (°)	100±10	90±10
Vertical Half-power Beamwidth (°)	9±3	7±3
Gain (dBi)	16.2±1	16.7±1
Polarization	Vertical I	
VSWR	≤1.5	
Front to Back Ratio (dB)	≥20	
Upper Sidelobe Suppression(dB)	≥15	
Average Power, Maximum (W)	500	
Impedance (Ω)	50	
Lightning Protection	DC Ground	

Mechanical Specifications

Dimensions (mm)	2400×280×125
Net Weight (kg)	15 (installation kit included)
Radome Material	U-PVC
Radome Color	Gray
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)	Φ50 to 110
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