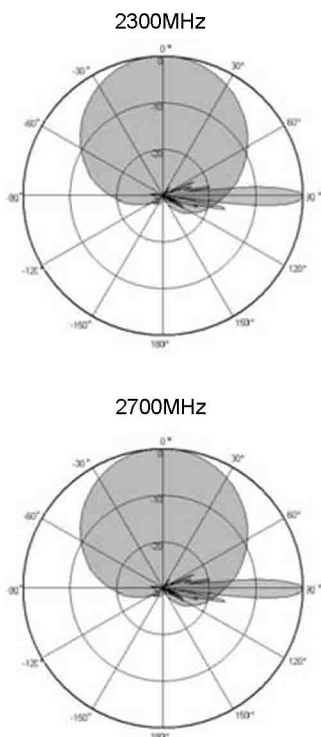


ODPCB-176500-NFA

OUTDOOR DIRECTIONAL ANTENNA, CROSS POLAR
2300MHz ~ 2700MHz
18.0dBi, 65°HBW, 6°VBW, FIXED EDT (0°)

RADIATION PATTERNS



PRODUCT IMAGE



ELECTRICAL SPECIFICATIONS

Frequency	2300MHz ~ 2700MHz
Gain	18.0dBi
Horizontal Beamwidth	65°
Vertical Beamwidth	6.0°
Polarization	Cross
Sidelobe Suppression	≥15dB
Isolation	≥30dB
Cross Polar Ratio	≥15dB
VSWR	≤1.5
Impedance	50Ω
Front-to-Back Ratio	≥25dB
Maximum Input Power	100Watts
Electrical Downtilt	0°
Connector	2 x N Female
Lightning Protection	DC Ground

MECHANICAL SPECIFICATIONS

Weights	Antenna	5.0kg
	Packaged	6.5kg
Dimensions (L x W x D)	Antenna	1130mm x 167mm x 56mm
	Packaged	1270mm x 215mm x 160mm
Reflector Material	Aluminum Alloy	
Radome Material	UV PVC	
Mounting Bracket	Galvanized Steel	
Mechanical Tilt	0° to 10°	
Installation Pole Diameter	φ30mm ~ φ70mm	
Connector Location	Bottom	

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C to +60°C
Wind Loading (N)	0.14m²
Rated Wind Speed	216km/h

ENERSUS RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT PRIOR NOTICE

EDITION: 08-02

ORDERING INFORMATION

ODPCB-186500-NFA	Antenna, N Female Connector
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