

U45BS6512DT

450- 470 MHz 12dBi X Pol Panel Antenna



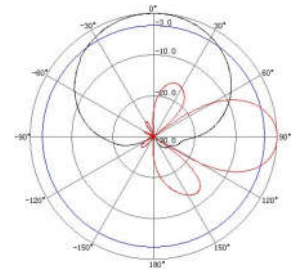
Electrical Specifications

Frequency (MHz)	450-470
Polarization	$\pm 45^\circ$
Gain (dBi)	12
Horizontal Half-power Beamwidth ($^\circ$)	65 ± 5
Vertical Half-power Beamwidth ($^\circ$)	32 ± 3
Cross-polar discrimination (dB)	$\geq 15 (\pm 60^\circ \geq 10)$
Isolation (dB)	≥ 28
Front to Back Ratio (dB)	≥ 25
VSWR	≤ 1.5
Max consumption (W)	300
Impedance (Ω)	50



Mechanical Specifications

Dimensions (mm)	1050x450x140
Net Weight (kg)	12.5 (installation kit included)
Connector	2xN Female
Radome material	UPVC



Radiation Pattern

Environmental Specifications

Application	Outdoor
Operating Temperature ($^\circ\text{C}$)	-40 to +70 (-40 to 158 $^\circ\text{F}$)
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 115
-----------------------------	------------------

Decipro Technologies Ltd., B2A Building, New Light Industrial Base, Luocun S Ave. Nanhai, Foshan, Guangdong, China 528226
Tel +86(0)757 8355 4087 Email sales@deciprotech.com Website www.deciprotech.com