

# LPBU-460-NJ

## Low Profile Bracket Mount UHF Antenna

09/12/2016 v.A

### Low Profile Bracket Mount UHF Antenna



Rugged Low Profile Design

UHF Element

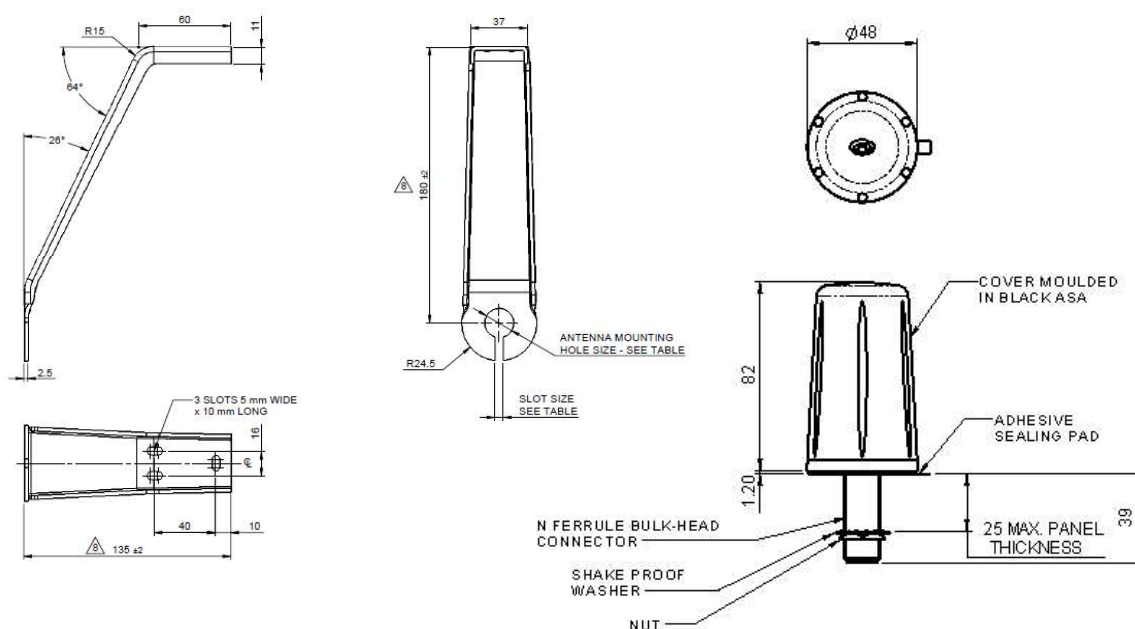
Bracket mounted

LPBU-460-NJ is a low profile antenna incorporating a UHF antenna in a robust compact housing.

Designed to be tough yet cost effective, the antennas are completely enclosed in a moulded housing made from weather and impact resistant plastic.

IN2184 is supplied with an offset bracket which allows for easy mounting and provides an electrical ground plane. The antenna features an N Jack type connector allowing use of a variety of cable types and lengths.

### Technical Drawing



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## Part No.

LPBU-460-NJ

## Electrical Data

Frequency Range (MHz)	450-470MHz
Operational Bands	460 UHF
Peak Gain: Isotropic	0dBi
Typical VSWR	≤ 2:1
Polarisation	Vertical
Impedance	50Ω
Max Input Power (W)	60

## Mechanical Data

Dimensions (mm)	Height	82 (3.22")
	Offset	180 (7.1")
Operating Temp	-30° / +80°C (-22° / 176°F)	
Material	A.S.A	
Colour	Black	
Ingress Protection	Equivalent to IP65	

## Mounting Data

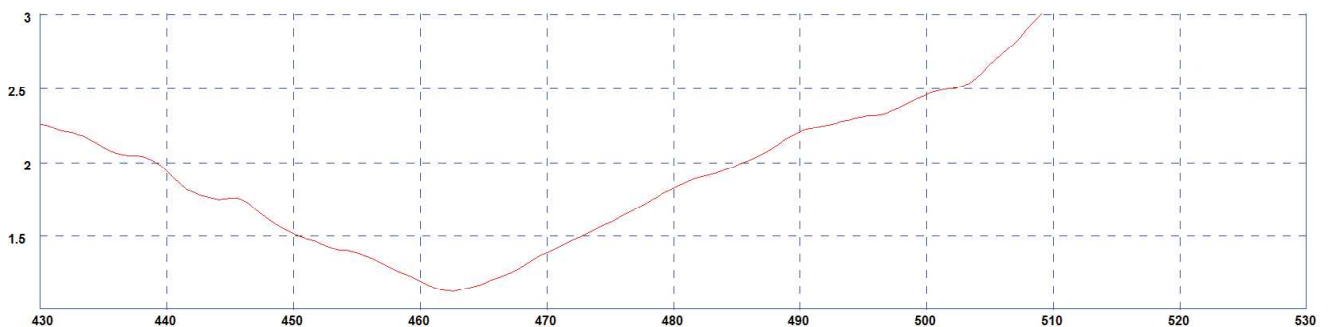
Mounting type	Bracket mount
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## Connector Data

Type	N Jack
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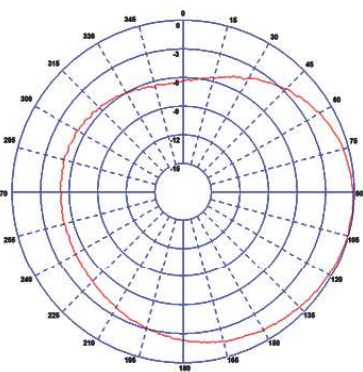
## Electrical Data

Typical VSWR\*



\* measured on SP5-0097B with 1m (3'3") CS29 extension cable.

Typical H Plane- 460MHz



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