

# DMS Wireless

## 5150-5850 MHZ H-POL and V-POL

### Electrical Data

Frequency:	5150-5850 MHz
Gain:	27 dBi
VSWR:	<1.5:1
Polarization:	Horizontal and Vertical
Horizontal Beamwidth:	5°
Vertical Beamwidth:	5°
Isolation:	>30dB
Cross-polar ratio:	>15dB ( $\pm 60^\circ \geq 10$ )
Intermodulation IM3: (2x43dBm carrier)	>-150dBc
Impedance:	50 Ohms
Max Input Power:	100W
Lightning Protection:	DC Ground

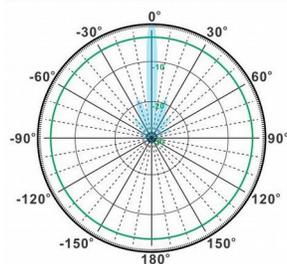
### Mechanical Data

Connector :	2*N Female
Dimensions:	Ø600mm/Ø23.6 in
Weight:	3kg/6.6lb
Reflector Material:	Aluminum Alloy
Mounting Method:	Mast
Mast Size:	Ø30-Ø50mm
Rated Wind Velocity:	210km/h
Operating temperature:	-40~+65°C

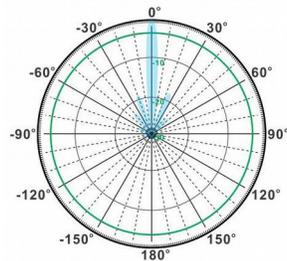
### Shipment Data

Packing Qty:	1pc/Carton
Carton Size:	700*700*190mm
(length*width*height)	27.6*27.6*7.5in
Packing Weight:	6kg/13.2lb

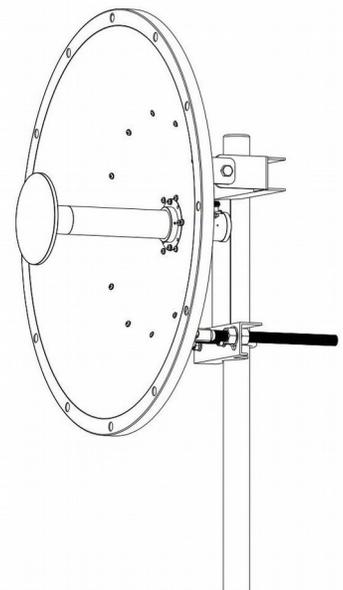
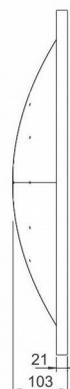
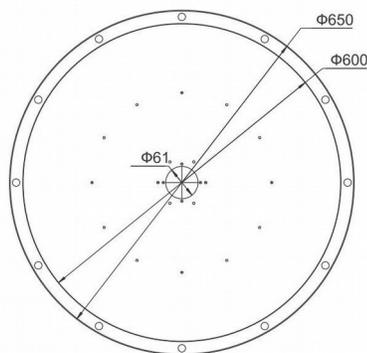
## PB5150-5850-27HV



H-Plane



V-Plane



Email: [sales@dmswireless.com](mailto:sales@dmswireless.com)  
[www.dmswireless.com](http://www.dmswireless.com)

Notice: Specifications are subject to change without notice.  
Images may not reflect the actual product.