

WB3X080X06F_x60

SINGLE BAND | 3-SECTOR, CLOVER-SHAPE | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

Features

- 3-Sector, Clover-Shape configuration with 6 connectors
- Ideal for Small Cell / DAS applications
- Available with 7/16-DIN connectors
- Four unique mounting options
- Available in gray and brown



Connector Description

The antenna has 6 connectors located at the bottom.

High Bands ■ Y1 ■ Y2 ■ Y3 1695-2180 MHz (6x) 7/16-DIN Female

Electrical Characteristics

Electrical Characteristics	High Bands ■ Y1 ■ Y2 ■ Y3		
	1695-2180 MHz		
Frequency Bands	1695-1880 MHz	1850-1990 MHz	1900-2180 MHz
Polarization	±45°		
Horizontal Beamwidth	74°	78°	80°
Vertical Beamwidth	22°	20°	18°
Gain	12.8 dBi	13.2 dBi	13.5 dBi
Omni Gain	7.0 dBi		
Electrical Downtilt (°)	(x) 0, 2		
Impedance	50Ω		
VSWR	< 1.4:1		
Upper Sidelobe Suppression	> 16 dB		
Front-to-Back Ratio	> 18 dB		
Isolation Between Ports	24 dB		
IM3 (2x20W carrier)	< -153 dBc		
Input Power	(6x) 300 W		
Diplexed	No		
Number of Sectors, Sector Spacing and/or Pattern Shape	3 Sectors, 120° Spacing, Clover-Shape		
Operating Temperature	-40° to +60° C (-40° to +140° F)		
Lightning Protection	Direct Ground		

Mechanical Characteristics

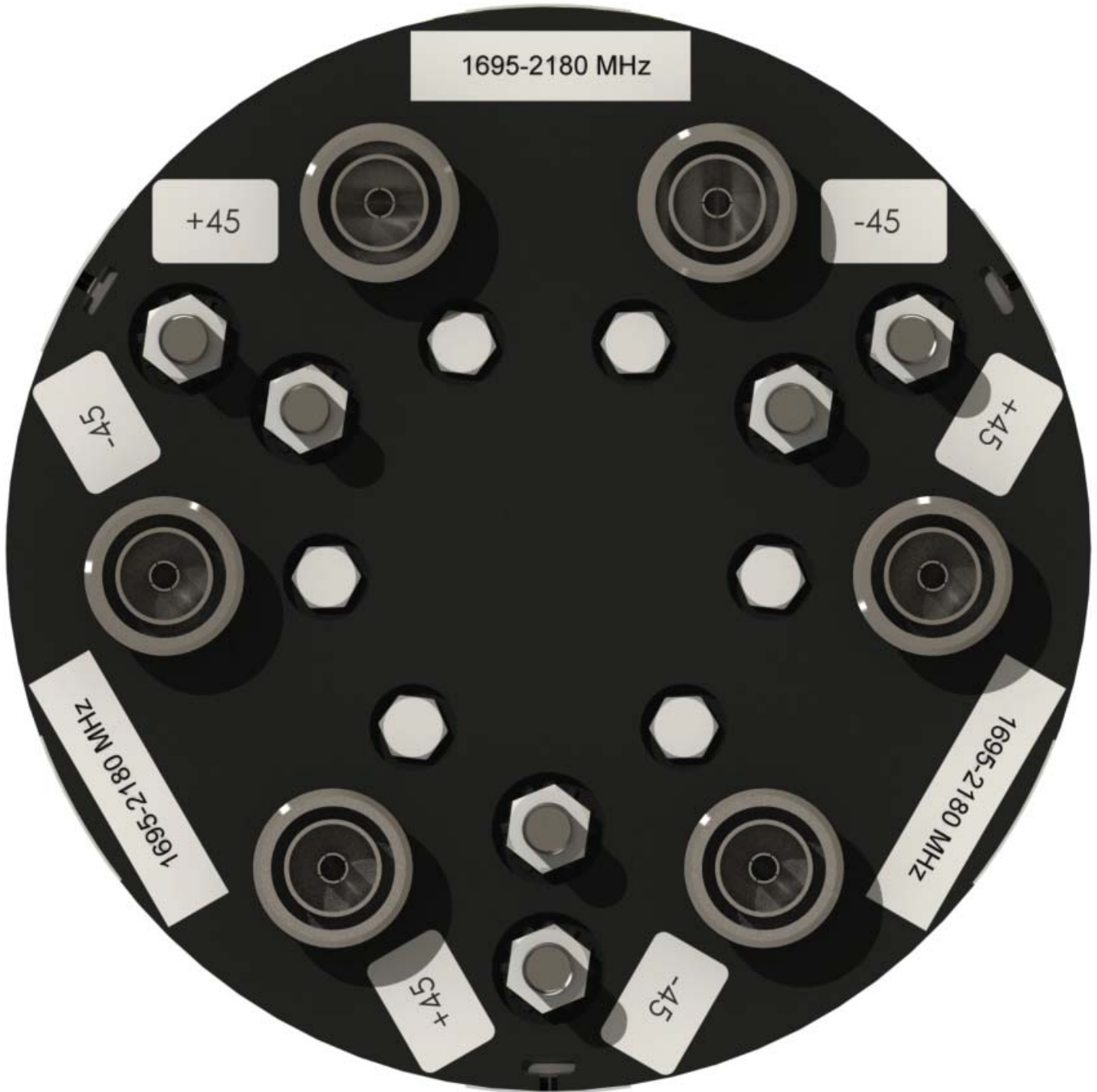
Antenna Dimensions (Height x Diameter)	610 x 191 mm	24.0 x 7.5 in
Weight without Mounting Bracket Kit	5.9 kg	13 lbs
Antenna Volume	0.02 m ³	0.6 ft ³
Survival Wind Speed	200 km/hr	125 mph
Wind Area	0.12 m ²	1.25 ft ²
Wind Load (160 km/hr or 100 mph)	62 N	13.7 lbf

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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Bottom View - Labeling

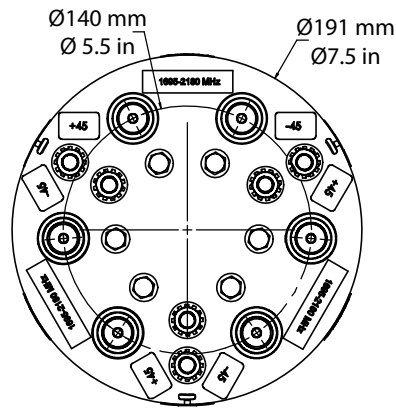


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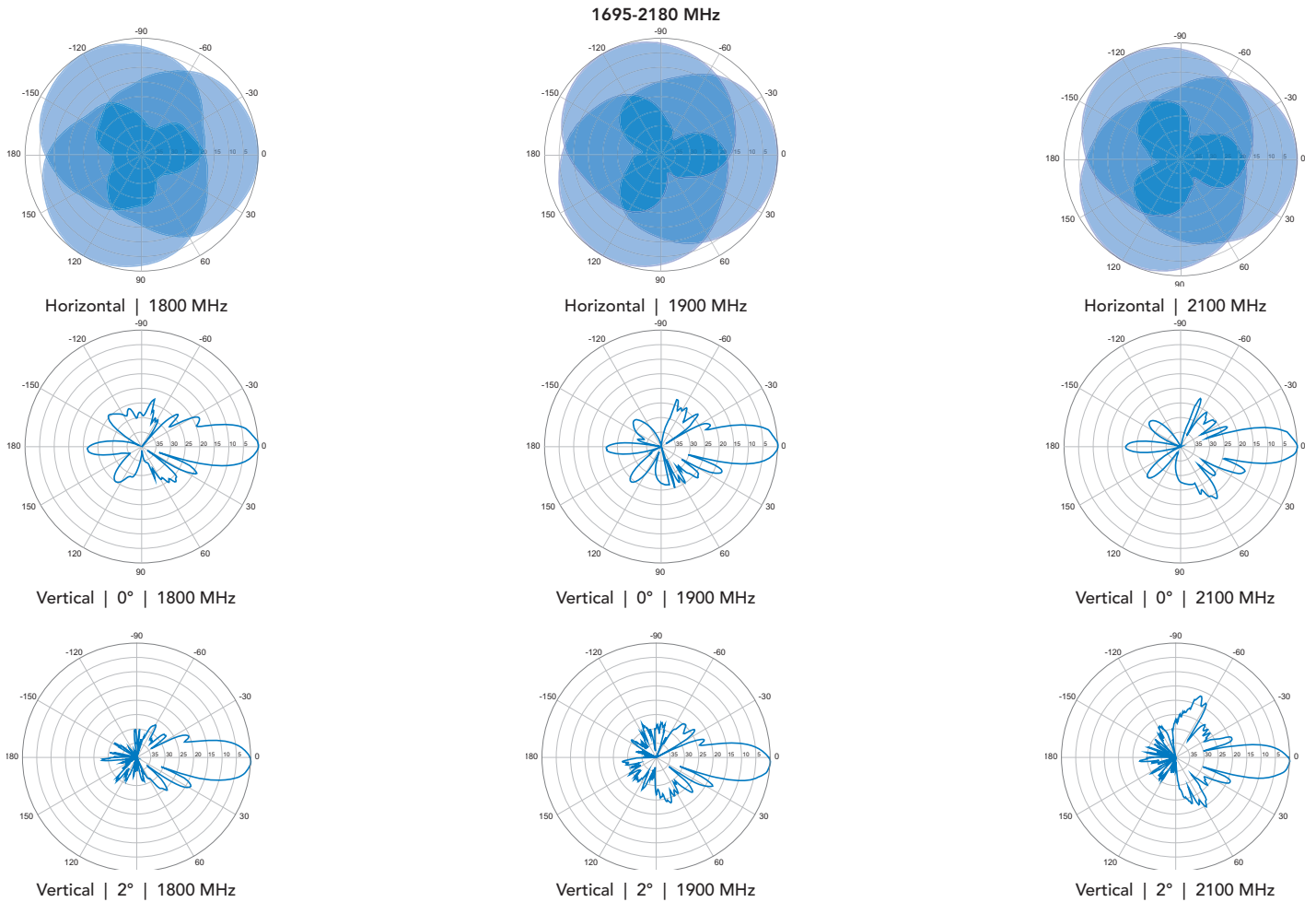
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Bottom View - Connector Diagram



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Ordering Options

When ordering, select the Paint Color and Degree of Electrical Downtilt (x).

Paint Color	Electrical Downtilt Degree (x)	Model Number
Painted Gray	0°	WB3X080X06F060
	2°	WB3X080X06F260
Painted Brown	0°	WB3X080X06F060BR
	2°	WB3X080X06F260BR

Mounting Kits

This antenna can be mounted using any of the following mounting kits. Mounting kits must be ordered separately.

Side Mounting Bracket Kit	Top Mounting Bracket Kit	Utility Pole Mounting Bracket Kit	Wide Diameter Pole Top Mounting Bracket Kit
CWT-MKS-SIDE	CWT-MKS-TOP	WB3X-MKS-01	CWT-MKS-BASE-xx
			

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