

WBV090X18Fx00

Single Band | FET Panel | V-Pol | 90° | 18.4 dBi | Fixed Tilt

- Single band, V-pol, panel antenna with fixed tilt
- Available with a variety of fixed tilt options





Ordering Options			
When ordering, replace "x" with desired Electrical Downtilt option. Select from the options listed in the Electrical Downtilt section below.			
Electrical Characteristics	1710-2170 MHz		
Frequency Bands	1710-1880 MHz	1850-1990 MHz	1900-2170 MHz
Polarization	Vertical		
Horizontal Beamwidth	92°	96°	90°
Vertical Beamwidth	5.1°	5.0°	4.3°
Gain	18.2 dBi	18.4 dBi	18.4 dBi
Electrical Downtilt (x)	0°, 2°, 3°, 4°, 5°		
Impedance	50Ω		
VSWR	< 1.35:1		
Upper Sidelobe Suppression	> 18 dB Typical		
Front-to-Back Ratio	> 26 dB		
IM3 (20W carrier)	< -153 dBc		
Input Power	300 W		
Operating Temperature	-40° to +60° C (-40° to +140° F)		
Connector(s)	1 Port / 7/16-DIN Female / Back		
Mechanical Characteristics			
Dimensions (Length x Width x Depth)	1829 x 170 x 100 mm	72.0 x 6.7 x 3.9 in	
Weight without Mounting Brackets	7.3 kg	16.0 lbs	
Survival Wind Speed	241 km/hr	150 mph	
Wind Load (161 km/hr or 100 mph)	Front	380 N	86 lbf
	Side	221 N	50 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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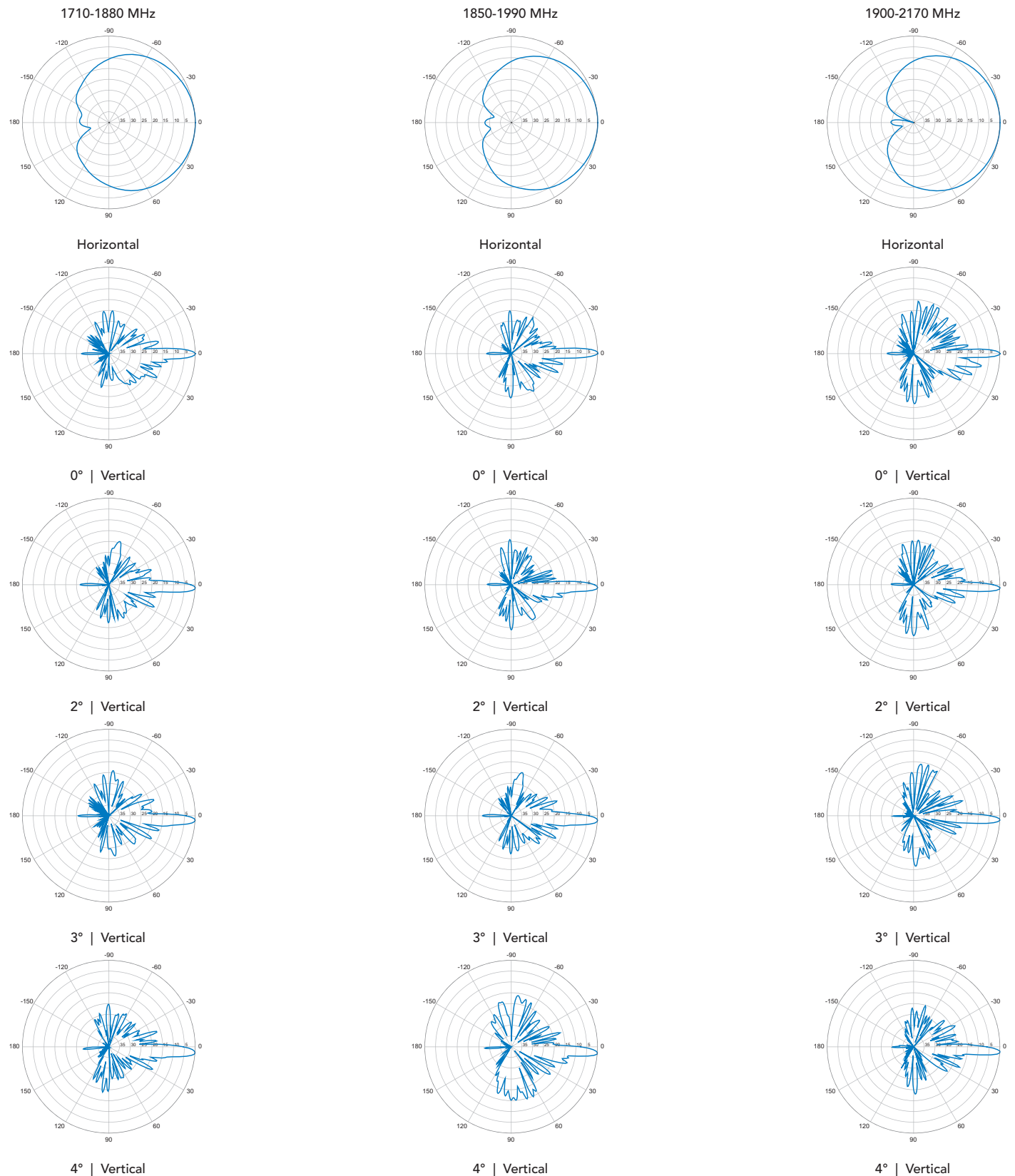
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Mounting Options	Part Number	Image	Fits Pipe Diameter	Weight
All mounting bracket kits are ordered separately unless otherwise indicated. Select from the options listed below.				
Pole Mounting Bracket Kit	MKS02P01		40-115 mm 1.6-4.5 in	2.9 kg 6.5 lbs
Scissor Tilt Bracket Kit	MKS02T06		40-115 mm 1.6-4.5 in	3.8 kg 8.3 lbs
Offset Scissor Tilt Bracket Kit	MKS02T09	NO IMAGE AVAILABLE COMING SOON	40-115 mm 1.6-4.5 in	4.3 kg 9.5 lbs
Offset Bar Tilt Bracket Kit	MKS02T10	NO IMAGE AVAILABLE COMING SOON	40-115 mm 1.6-4.5 in	3.9 kg 8.7 lbs

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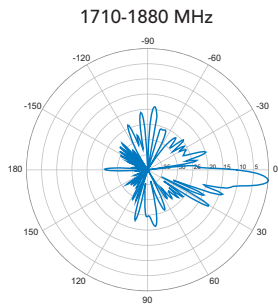
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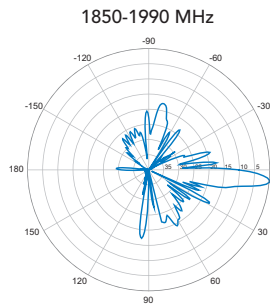
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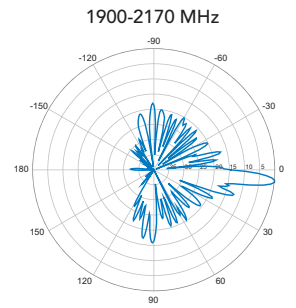
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5° | Vertical



5° | Vertical



5° | Vertical

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