

WBX085X18F_x00

Single Band | Panel Antenna | X-Pol | 85° | 18.0 dBi | Fixed Tilt

Ordering Options			
When ordering, replace the "x" in the model number with the desired electrical downtilt. Select from the options listed below under Electrical Downtilt.			
Mounting bracket kits and other accessories are ordered separately.			
Electrical Characteristics	1710-2170 MHz		
Frequency Bands	1710-1880 MHz	1850-1990 MHz	1900-2170 MHz
Polarization	±45°		
Horizontal Beamwidth	88°	85°	80°
Vertical Beamwidth	4.5°	4.5°	4.5°
Gain	17.2 dBi	17.6 dBi	18.0 dBi
Electrical Downtilt (°)	(x) 0, 2, 4, 5		
Impedance	50Ω		
VSWR	< 1.4:1		
Upper Sidelobe Suppression	< -17 dB		
Front-to-Back Ratio	> 30 dB		
In Band Isolation	> 28 dB		
IM3 (2x20W carrier)	< -150 dBc		
Input Power	300 W		
Connectors, Type, Location	2 Connectors / 7/16-DIN Female / Bottom		
Diplexed	No		
Lightning Protection	Direct Ground		
Operating Temperature	-40° to +60° C (-40° to +140° F)		
Mechanical Characteristics			
Dimensions (Length x Width x Depth)	1839 x 160 x 84 mm	72.4 x 6.3 x 3.3 in	
Weight without Mounting Brackets	6.0 kg	13.2 lbs	
Survival Wind Speed	241 km/hr	150 mph	
Wind Loads (160 km/hr or 100 mph)	Front	362 N	81 lbf
	Side	188 N	42 lbf



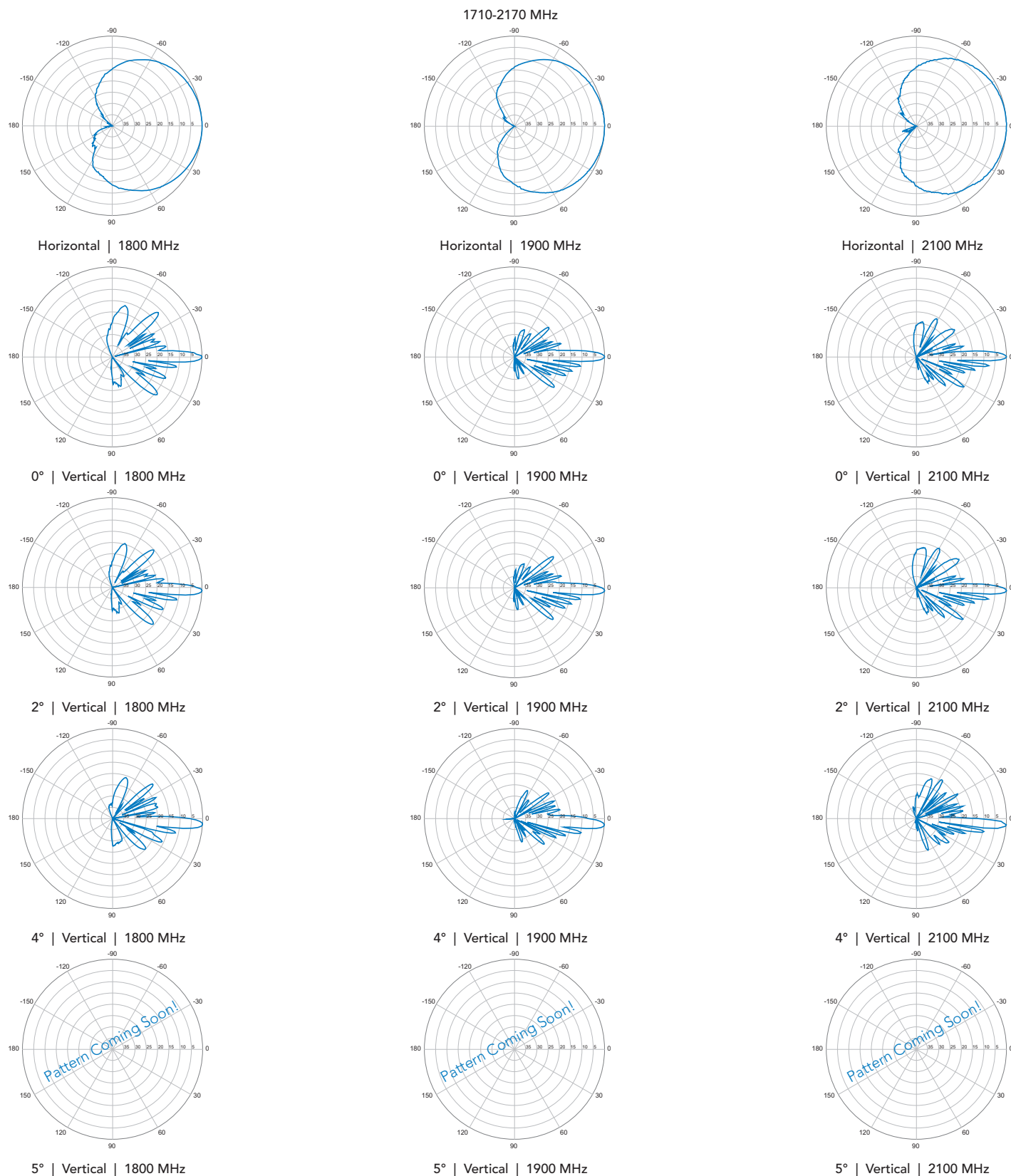
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Mounting Options	Part Number	Image	Fits Pipe Diameter	Weight
All mounting bracket kits are ordered separately unless otherwise indicated. Select from the options listed below.				
2-Point Mounting Bracket Kit	MKS02P01		40-115 mm 1.6-4.5 in	2.9 kg 6.5 lbs
2-Point Scissor Tilt Bracket Kit	MKS02T06		40-115 mm 1.6-4.5 in	3.8 kg 8.3 lbs

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Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal 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 product may be made without notice.