

# WBX045X20F<sub>x</sub>00

Single Band | Panel Antenna | X-Pol | 45° | 19.8 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 unless otherwise indicated.				
Electrical Characteristics		1710-2170 MHz		
Frequency Bands		1710-1880 MHz	1850-1990 MHz	1900-2170 MHz
Polarization		±45°		
Horizontal Beamwidth		48°	46°	44°
Vertical Beamwidth		6.3°	5.9°	5.5°
Gain		18.8 dBi	19.3 dBi	19.8 dBi
Electrical Downtilt (°)		(x) 0, 5		
Impedance		50Ω		
VSWR		< 1.4:1		
Upper Sidelobe Suppression		< -18 dB		
Front-to-Back Ratio		> 30 dB		
Isolation Between Ports		> 30 dB		
IM3 (2x20W carrier)		< -153 dBc		
Input Power		160 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)		1690 x 234 x 77 mm	66.5 x 9.2 x 3.0 in	
Weight without Mounting Brackets		10 kg	22 lbs	
Survival Wind Speed		201 km/hr	125 mph	
Wind Loads (160 km/hr or 100 mph)	Front	520 N	117 lbf	
	Side	170 N	38 lbf	



# WBX045X20Fx00

Single Band | Panel Antenna | X-Pol | 45° | 19.8 dBi | Fixed Tilt

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 Scissor Tilt Bracket Kit - Mounting & Downtilt (Included)	MKS05T03		40-115 mm 1.6-4.5 in	4.1 kg 9.1 lbs
2-Point Bar Tilt Bracket Kit	MKS05T04		40-115 mm 1.6-4.5 in	4.0 kg 8.8 lbs

## WBX045X20Fx00

Single Band | Panel Antenna | X-Pol | 45° | 19.8 dBi | Fixed Tilt

