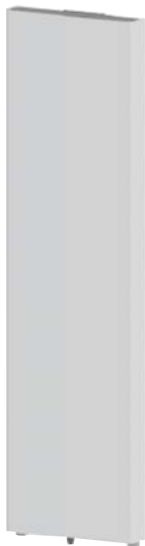


WBX018X24x050

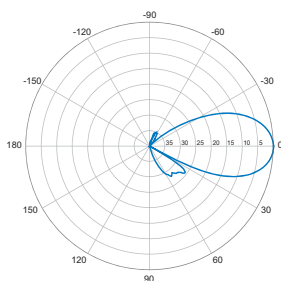
X-Pol | VET Panel | 18° | 23.8 dBi



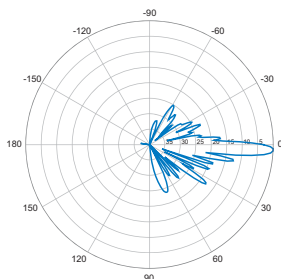
Model Number Options:
 WBX018X24M050 - Manual Electrical Tilt Antenna (aka 5146100)
 WBX018X24R050 - Remote Electrical Tilt Antenna (aka 5146000)

Electrical Characteristics		1710-2170 MHz		
Frequency bands		1710-1880 MHz	1850-1990 MHz	1900-2170 MHz
Polarization		± 45°	± 45°	± 45°
Horizontal beamwidth		20°	19°	18°
Vertical beamwidth		4.9°	4.6°	4.3°
Gain		20.7 dBd / 22.8 dBi	21.2 dBd / 23.3 dBi	21.7 dBd / 23.8 dBi
Electrical downtilt		2°-10° Variable Electrical Tilt		
Impedance		50Ω		
VSWR		< 1.4:1		
Upper sidelobe suppression		< -18 dB		
First null		> -20 dB typical		
Front-to-Back ratio		> 30 dB		
Inter-port isolation		> 30 dB		
IM3 (2x20W carrier)		< -153 dBc		
Input power		2 x 160 W		
Connector(s)		2 Ports / 7/16 DIN / Female / Bottom		
Operating temperature		-40° to +60° C (-40° to +140° F)		
Mechanical Characteristics				
Dimensions HxWxD		1990 x 583 x 80 mm		78.3 x 23.0 x 3.1 in
Weight without brackets		22.0 kg		48.5 lbs
Survival wind speed		200 km/hr		125 mph
Wind load @ 161 km/hr (100 mph)		Front: 1530 N	Side: 206 N	Front: 344 lbf Side: 46 lbf
RET type / Part number		Internal / RETU-CA01		
Mounting Options		Part Number	Fits Pipe Diameter	Weight
Pole mounting bracket kit		MKS07P01	40-115 mm 1.6-4.5 in	6.5 kg 2.9 lbs
Concealment Options				
UNICELL module		None		
FP mounting configuration		None		

1710-1880 MHz

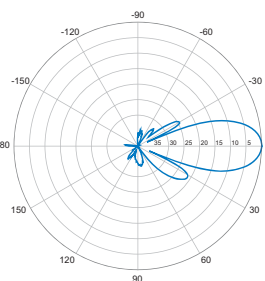


Horizontal

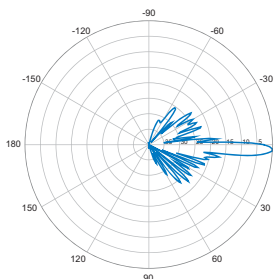


2° | Vertical

1850-1990 MHz

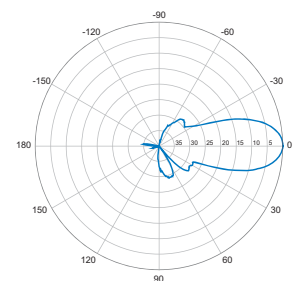


Horizontal

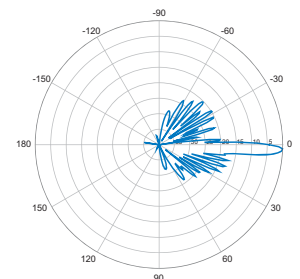


2° | Vertical

1900-2170 MHz



Horizontal



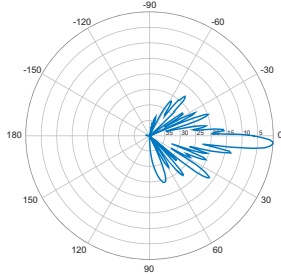
2° | Vertical

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.

WBX018X24x050

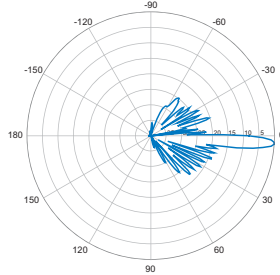
X-Pol | VET Panel | 18° | 23.8 dBi

1710-1880 MHz



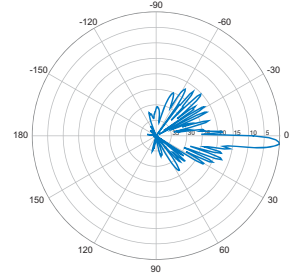
4° | Vertical

1850-1990 MHz

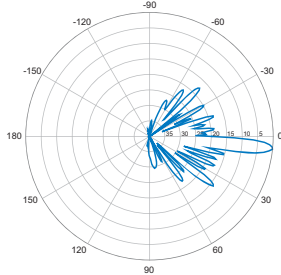


4° | Vertical

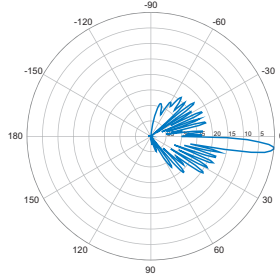
1900-2170 MHz



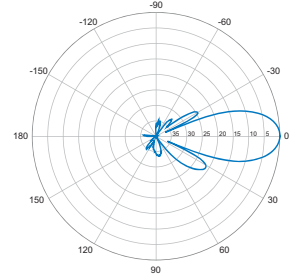
4° | Vertical



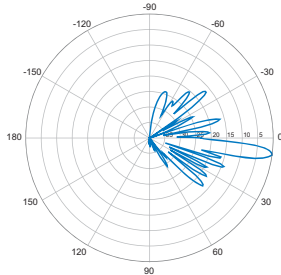
6° | Vertical



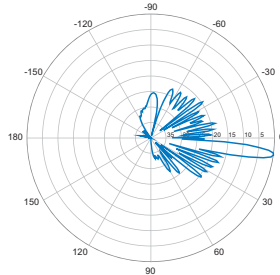
6° | Vertical



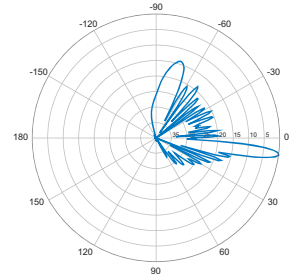
6° | Vertical



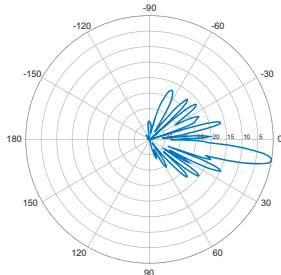
8° | Vertical



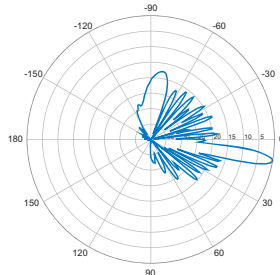
8° | Vertical



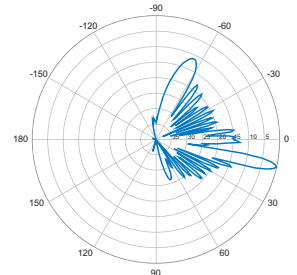
8° | Vertical



10° | Vertical



10° | Vertical



10° | Vertical

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