

## HTXC6318x000

Single Band | Panel Antenna | X-Pol | 69° | 18.0 dBi | Variable Tilt

- Single band, X-Pol, variable tilt, panel antenna
- MET and RET versions, AISG1.1 or 3GPP/AISG2.0
- For remote antenna version, the control of the electrical tilt is managed by an external RET unit


Ordering Options	Model Number		
When ordering, replace "x" in the model number with one of the options listed below.			
Manual Electrical Tilt	HTXC6318M000		
Remote Electrical Tilt AISG v1.1	HTXC6318R000		
Remote Electrical Tilt AISG v2.0 / 3GPP	HTXC6318R000G		
Remote Electrical Tilt Ericsson Proprietary	HTXC6318R000E		
Mounting bracket kits and other accessories are ordered separately.			
Electrical Characteristics	696-900 MHz		
Frequency Bands	696-806 MHz	806-900 MHz	
Polarization	±45°		
Horizontal Beamwidth	71°	69°	
Vertical Beamwidth	10°	8.8°	
Gain	15.4 dBd (17.5 dBi)	15.9 dBd (18.0 dBi)	
Electrical Downtilt	0-10°		
Impedance	50Ω		
VSWR	≤ 1.5:1		
Upper Sidelobe Suppression	> 16 dB		
Front-to-Back Ratio	> 30 dB		
Isolation Between Ports	< -30 dB		
IM3 (2x20W carrier)	< -150 dBc		
Input Power	500 W		
Total Number of Connectors	Antennas has 2 connectors located at the bottom		
Connectors Per Band, Type, Location	2 Connectors / EDIN Female / Bottom		
Diplexed	No		
Lightning Protection	Direct Ground		
Operating Temperature	-40° to +60° C (-40° to +140° F)		
Mechanical Characteristics			
Dimensions HTXC6318M000 (L x W x D)	2411 x 304 x 180 mm	94.9 x 12.0 x 7.1 in	
Dimensions HTXC6318R000 (L x W x D)	2590 x 304 x 194 mm	102.0 x 12.0 x 7.6 in	
Depth with z-brackets	220 mm	8.7 in	
Weight without Mounting Brackets	18 kg	39.7 lbs	
Survival Wind Speed	> 201 km/hr	> 125 mph	
Wind Loads (160 km/hr or 100 mph)	Front	895 N	201 lbf
	Side	530 N	119 lbf




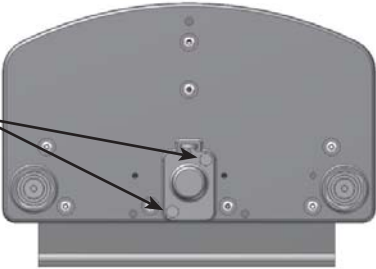
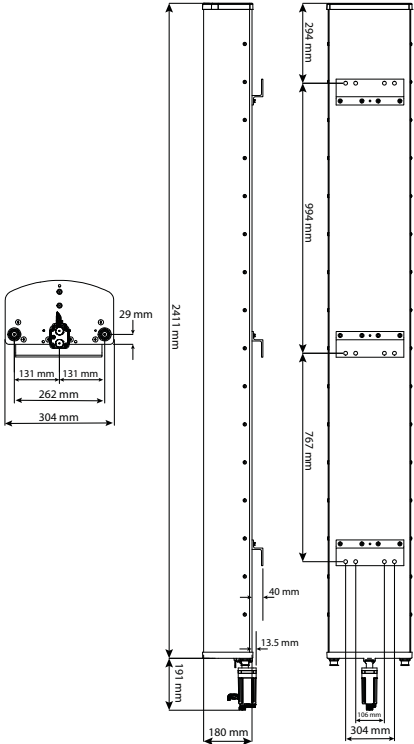
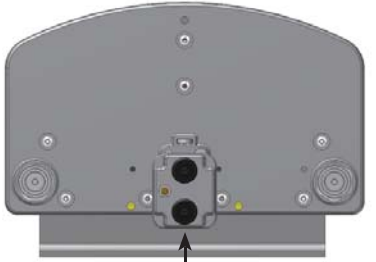
Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product.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

# HTXC6318x000

Single Band | Panel Antenna | X-Pol | 69° | 18.0 dBi | Variable Tilt

Electrical Downtilt Control	
Manual Electrical Tilt (MET) Control	A knob located at the bottom of the antenna allows change of the tilt. The knob is accessed by removing the two hex-head screws on adjustment knob cover. After adjustment is made cover must be replaced and the hex-head screws re-tightened. Manual control is only available if HTXC6318M000 antenna version is ordered.
Remote Electrical Tilt (RET) Control	The remote control of the electrical tilt is managed by an external RET module. This external remote control unit (RCU) adds an additional 170 mm (6.7 in) of length at the bottom of the antenna. When RCU is attached to the antenna no manual electrical tilt control is available.
RET Module	The RET module is factory installed and does not need to be ordered separately.
	Part Number for AISG v1.1 protocol: RETU-EB01 One unit installed on HTXC6318R000
	Part Number for 3GPP/AISG v2.0 protocol: RETU-EG01 One unit installed on HTXC6318R000G
	Part Number for Ericsson Proprietary protocol: RETU-EE01 One unit installed on HTXC6318R000E
Important Installation Instructions 	Do not install the antenna with the connectors facing upward.

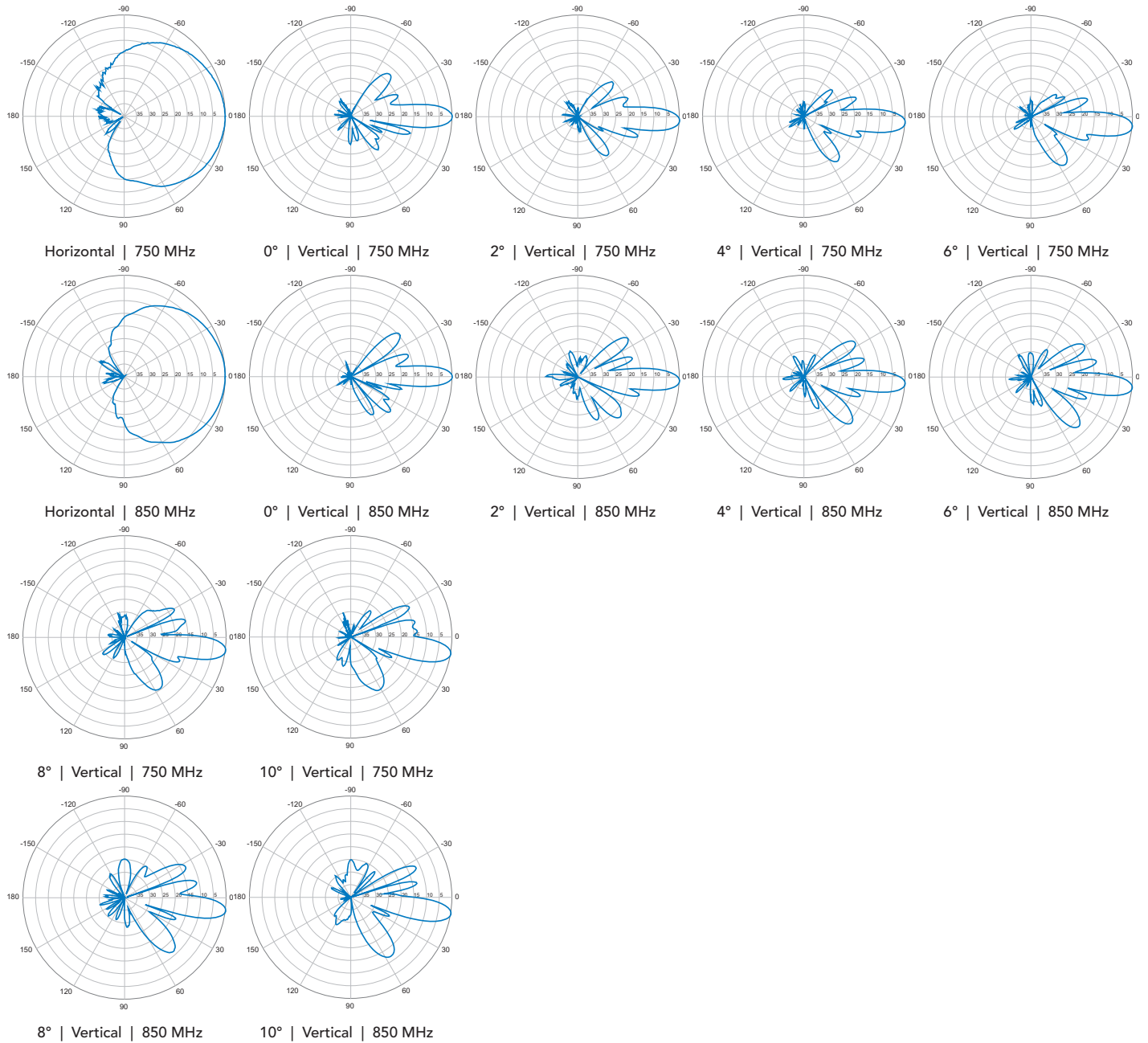
Mounting Options	Part Number	Image	Fits Pipe Diameter	Weight
All mounting bracket kits are ordered separately unless otherwise indicated. Select from the options listed below.				
3-Point Mounting & Downtilt Bracket Kit	36210008		40-115 mm 1.57-4.5 in	6.9 kg 15.2 lbs

Antenna Bottom Views	Dimensions
<p>HTXC6318M000</p>  <p>Hex-Head Screws</p> <p>Tilt adjustment knob is accessed by removing cover held in place with two hex-head screws. Cover must be reattached once tilt adjustments are made by re-tightening hex-head screws.</p>	
<p>HTXC6318R000</p>  <p>External RET Unit</p>	

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.

HTXC6318x000

Single Band | Panel Antenna | X-Pol | 69° | 18.0 dBi | Variable Tilt



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.