

HTXC6316x000

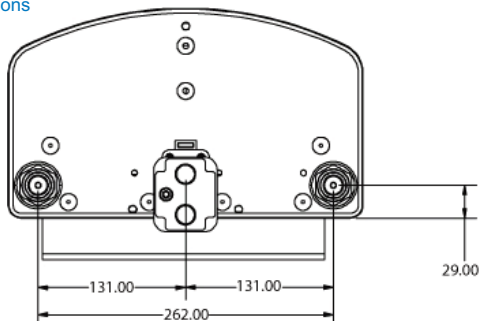
X-Pol | VET Panel | 65° | 16.4 dBi

Ordering Options							
When ordering...	Replace "x" with "M" for Manual Electrical Tilt or "R" for Remote Electrical Tilt						
Manual Electrical Tilt	HTXC6316M000						
Remote Electrical Tilt AISG v1.1	HTXC6316R000						
Remote Electrical Tilt AISG v2.0 / 3GPP	HTXC6316R000G						
Remote Electrical Tilt Ericsson Proprietary	HTXC6316R000E						
Electrical Characteristics							
	696-900 MHz						
Frequency bands	696-806 MHz 806-900 MHz						
Polarization	±45°						
Horizontal beamwidth	70° 65°						
Vertical beamwidth	11.5° 10°						
Gain	13.8 dBd (15.9 dBi) 14.3 dBd (16.4 dBi)						
Electrical downtilt	0-10°						
Impedance	50Ω						
VSWR	≤1.5:1						
Upper sidelobe suppression (0°)	> 16 dB > 16 dB						
Front-to-back ratio (+/-30°)	> 30 dB > 30 dB						
Isolation between ports	< -25 dB						
IM3 (2x20W carrier)	-150 dBc						
Input power	500 W						
Lightning protection	Direct Ground						
Connector(s)	2 Ports / EDIN / Female / Bottom						
Mechanical Characteristics							
Dimensions HTXC6316M000 (LxWxD)	1952 x 304 x 180 mm 76.9 x 12.0 x 7.1 in						
Dimensions HTXC6316R000 (LxWxD)	2131 x 304 x 194 mm 83.9 x 12.0 x 7.6 in						
Depth with z-brackets	220 mm 8.7 in						
Weight without mounting brackets	13.8 kg 30 lbs						
Survival wind speed	> 201 km/hr > 125 mph						
Wind loads (160 km/hr or 100 mph)	Front: 946 N; Side: 552 N Front: 213 lbf; Side: 124 lbf						
Remote Electrical Downtilt Control							
Remote Electrical Tilt (RET) Control	The remote control of the electrical tilt is managed by an external unit.						
RET Module Part Number (one per antenna)	RETU-EB01 for AISG v1.1 protocol (one unit included with HTXC6316R000) RETU-EG01 for AISG v2.0 / 3GPP protocol (one unit included with HTXC6316R000G) RETU-EE01 for Ericsson Proprietary protocol (one unit included with HTXC6316R000E)						
Mounting Options							
3-Point Mounting & Downtilt Bracket Kit	<table border="1"> <thead> <tr> <th>Part Number</th> <th>Fits Pipe Diameter</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>36210008</td> <td>40-115 mm 1.57-4.5 in</td> <td>6.9 kg 15.2 lbs</td> </tr> </tbody> </table>	Part Number	Fits Pipe Diameter	Weight	36210008	40-115 mm 1.57-4.5 in	6.9 kg 15.2 lbs
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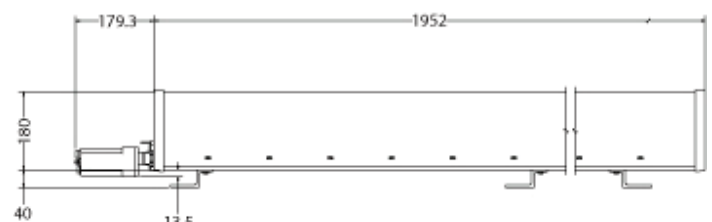


HTXC6316R000

Bottom View/Dimensions



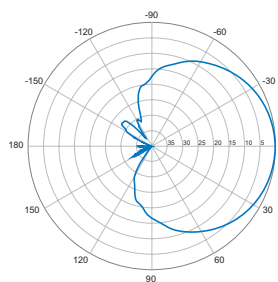
Side View/Dimensions



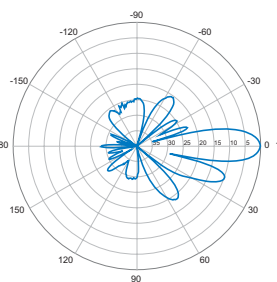
Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product.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

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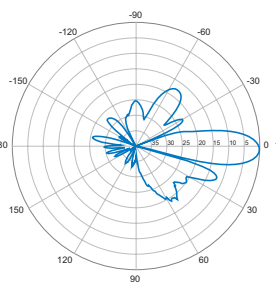
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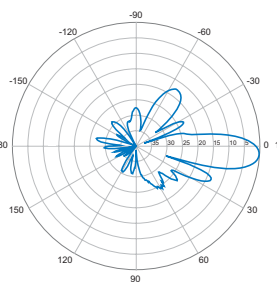
Horizontal | 750 MHz



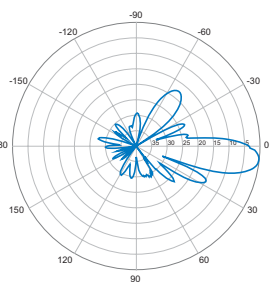
0° | Vertical | 750 MHz



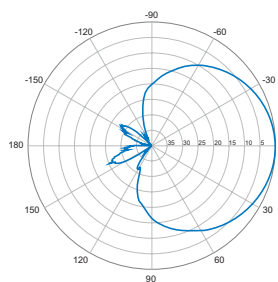
2° | Vertical | 750 MHz



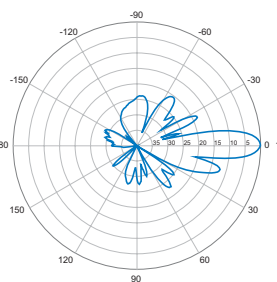
4° | Vertical | 750 MHz



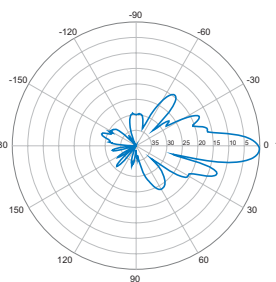
6° | Vertical | 750 MHz



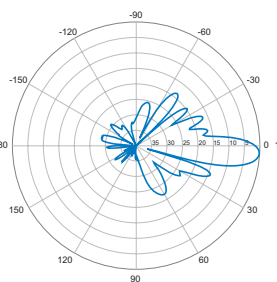
Horizontal | 850 MHz



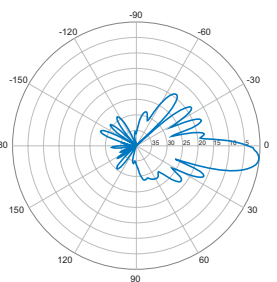
0° | Vertical | 850 MHz



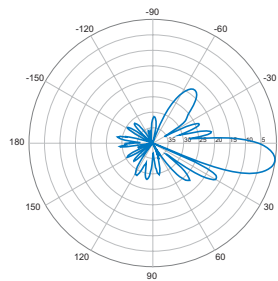
2° | Vertical | 850 MHz



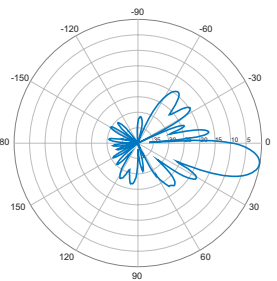
4° | Vertical | 850 MHz



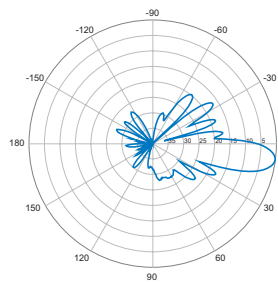
6° | Vertical | 850 MHz



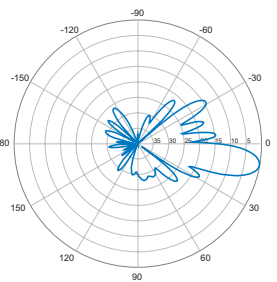
8° | Vertical | 750 MHz



10° | Vertical | 750 MHz



8° | Vertical | 850 MHz



10° | Vertical | 850 MHz

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