



This antenna is an ideal choice for single band site upgrades for high traffic areas. Suitable for LTE 700, Digital Dividend, CDMA and GSM.

**FEATURES / BENEFITS**

- Dual-band cross-polarized (2 ports), 1x698-960
- Design for LTE 700, CDMA 800 and GSM 900 compatibility
- Variable electrical downtilt — provides enhanced precision in controlling intercell interference
- Tilt remotely adjustable according to AISG/3GPP standards
- Enhanced tilt range — ideal for applications in dense area



**Technical features**

**ELECTRICAL SPECIFICATIONS**

<b>Frequency Range</b>	MHz	698-806	806-894	880-960
<b>Gain</b>	dBi (dBd)	16±0.9	16.5±0.4	16.6±0.5
<b>Horizontal Beamwidth</b>	deg	69.8±2.5	65.8±2.1	63.1±1.3
<b>Vertical Beamwidth</b>	deg	9.5±0.6	8.3±0.7	7.6±0.5
<b>Electrical Downtilt Range</b>	deg	2-10		
<b>1st Upper Sidelobe Suppression</b>	dB	>18.5	>18.2	>17.7
<b>Front-To-Back Ratio</b>	dB	>25		
<b>Polarization</b>		Dual pol +/-45°		
<b>VSWR</b>		< 1.5:1		
<b>Isolation between Ports</b>	dB	>30		
<b>3rd Order IMP @ 2 x 43 dBm</b>	dBc	>150		
<b>Impedance</b>	Ohms	50		
<b>Maximum Power Input</b>	W	500		
<b>Beamwidth Approximate</b>	deg	65		
<b>Antenna Type</b>		Dual Polarized - Low Band - Wide Band		
<b>Electrical Down Tilt Option</b>		Variable		



**MECHANICAL SPECIFICATIONS**

Lightning Protection		Direct Ground
Connector Type/Location		(2) 7-16 Female/Bottom
AISG Standard		AISG 2.0 Compliant
Dimensions - HxWxD	mm (in)	2440 x 315 x 145 (96 x 12.4 x 5.7)
Weight w/o Mtg Hardware	kg (lb)	23.7 (52.25)
Weight w/ Mtg Hardware	kg (lb)	28.2 (62.17)
Survival/Rated Wind Speed	km/h (mph)	200 (125) / 160 (100)
Wind Load @ Rated Wind, Front	N (lbf)	762 (171.3)
Wind Load @ Rated Wind, Max.	N (lbf)	762 (171.3)
Wind Load @ Rated Wind, Side	N (lbf)	394 (88.57)
Wind Load @ Rated Wind, Rear	N (lbf)	762 (171.3)
Mount Type		Downtilt

**TESTING AND ENVIRONMENTAL**

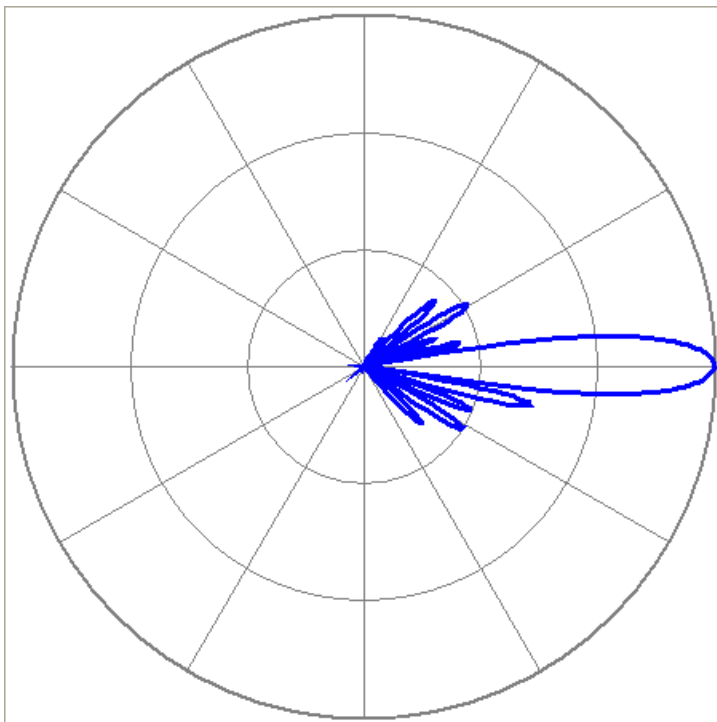
Operation temperature	°C (°F)	-40 to 65 (-40 to 149)
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**MATERIAL**

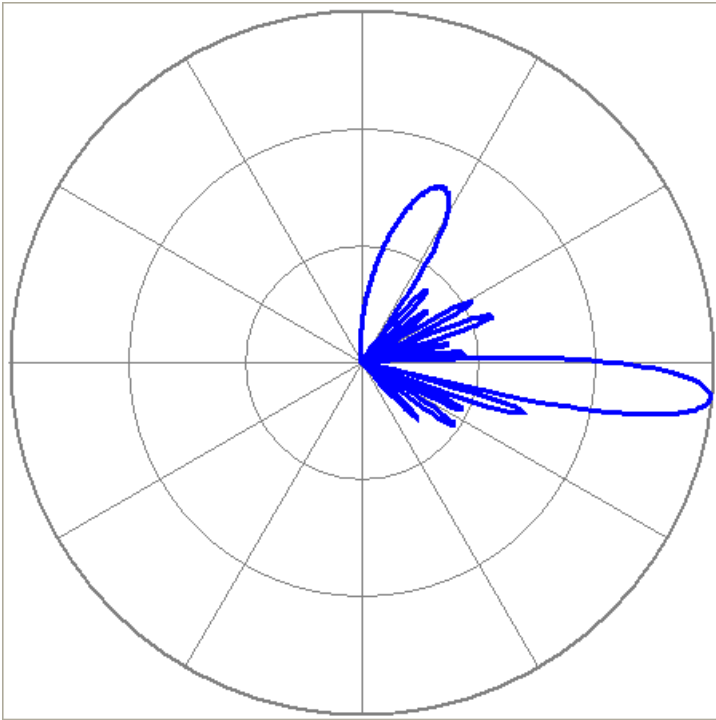
Radome Material/Color		Fiberglass
Radiating Element Material		Zinc Alloy
Reflector Material		Aluminum

**ORDERING INFORMATION**

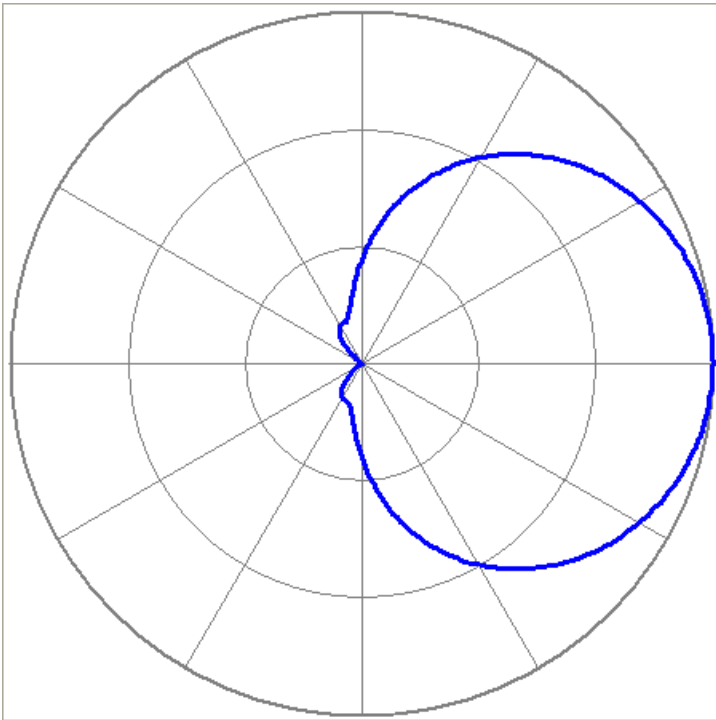
Shipping Weight	kg (lb)	32.8 (72.31)
Packing Dimensions, HxWxD	mm (in)	2800 x 415 x 240 (110.24 x 16.34 x 9.45)



Vertical Pattern 1



Vertical Pattern 2

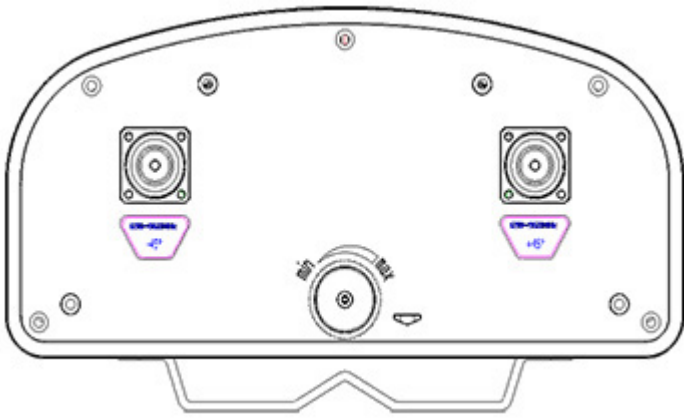


Horizontal Pattern



**APXVB26S-C**

Single Band X-Pol Antenna, 698-960MHz, 65deg, 17dBi, 2.6m, VET, 2-10deg



APXVB26S-C\_end\_plate

External Document Links

Notes

Available Configurations

- APXVB26S-C — No ACU included — Weight 28.2 kg, 62.17 lb (incl. mounting kit)
- APXVB26S-C-A20 — (1) Pre-commissioned, ACUs included — Weight 28.7 kg, 63.27 lb (incl. mounting kit)