PRODUCT DATASHEET

APXE26F-CT6

Optimizer® Panel Dual Polarized Antenna, 790-960, 65deg, 18dBi, 2.6m, FET, 6deg

Dense urban network optimization.

FEATURES / BENEFITS

- High sidelobe suppression
- Null fill
- Dual polarization

Technical features

ELECTRICAL SPECIFICATIONS				
Frequency Range	MHz	790-806	806-870	870-960
Gain	dBi (dBd)	16.7 (14.6)	17.5 (15.4)	18.0 (16.9)
Horizontal Beamwidth	deg	66	67	65
Vertical Beamwidth	deg	8.3	8	7
Electrical Downtilt Range	deg	6		
1st Upper Sidelobe Suppression	dB	>18		
Front-To-Back Ratio	dB	>25		
Polarization		Dual pol +/-45°		
VSWR		< 1.4:1		
Isolation between Ports	dB	>30		
3rd Order IMP @ 2 x 43 dBm	dBc	>150		
Impedance	Ohms	50		
Maximum Power Input	W	500		
Beamwidth Approximate	deg	65		
Antenna Type		Dual Polarized		
Electrical Down Tilt Option		Fixed		
MECHANICAL SPECIFICATIONS				
Lightning Protection		Direct Ground		
Connector Type/Location		(2) 7-16 Long Neck Female/Bottom		
Dimensions - HxWxD	mm (in)	2490 x 270 x 136(98.36x 10.51 x 5.37)		
Weight w/o Mtg Hardware	kg (lb)	15 (33.05)		
Survival/Rated Wind Speed	km/h (mph]	200 (125) / 160 (100)		
Applied Wind Load Standard		DIN 1055-4		
Wind Load @ Rated Wind, Front	N (lbf)	540 (121)		
Wind Load @ Rated Wind, Max.	N (lbf)	1012 (227.6)		
Wind Load @ Rated Wind, Side	N (lbf)	286 (64.3)		
Wind Load @ Rated Wind, Rear	N (lbf)	603 (135.6)		
Mount Type		Downtilt		
Height (Approximate)	ft.	8		
TESTING AND ENVIRONMENTAL				
Operation temperature	°C (°F)	-40 to 60 (-40 to 140)		

APXE26F-CT6

Optimizer® Panel Dual Polarized Antenna, 790-960, 65deg, 18dBi, 2.6m, FET, 6deg

MATERIAL

Radome Material/Color		Fiberglass/Light Grey RAL7035
Mounting Hardware Material		Included
Radiating Element Material		Aluminum
Reflector Material		Aluminum

ORDERING INFORMATION

Shipping Weight	kg (lb)	23 (50.6)
Packing Dimensions, HxWxD	mm (in)	2765 x 380 x 230(108.92 x 14.96 x 9.06)
Mounting Hardware		Included
Mounting Pipe Diameter	mm (in)	45 - 120 (1.7 - 4.7)
Mounting Hardware Weight	kg (lb)	2.5 (5.5)

External Document Links

Notes