

Optimizer® Single Band Antenna

APV206515-C

Horizontal Beamwidth, deg 63

Gain, dBi 17.2

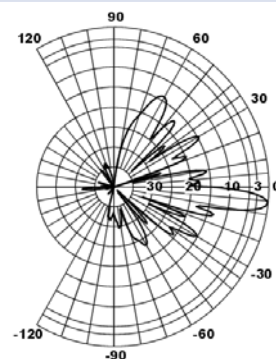
Electrical Downtilt, deg 0 - 7

ELECTRICAL SPECIFICATIONS

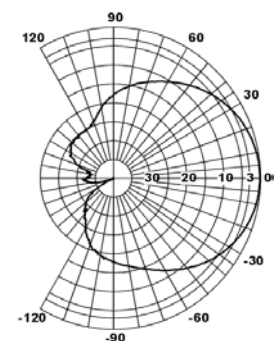
Frequency Range, MHz	1900-2170
Horizontal Beamwidth, deg	63
Vertical Beamwidth, deg	6.5
Gain, dBi (dBd)	17.2 (15.1)
Front-To-Back Ratio, dB	> 30
VSWR	< 1.5:1
Maximum Power Input, W	300
Polarization	Vertical
7th Order IMP @ 2x46 dBm, dBc	> 170

MECHANICAL SPECIFICATIONS

Dimensions - HxWxD, mm (in)	1320 x 175 x 80 (52 x 6.89 x 3.15)
Survival Wind Speed, km/h (mph)	200 (125)
Max Wind Loading Area, m² (ft²)	0.26 (2.78)
Rated Wind Speed, km/h (mph)	160 (100)
Maximum Thrust @ Rated Wind, N (lbf)	507 (114)
Front Thrust @ Rated Wind, N (lbf)	507 (114)
Reflector Material	Aluminum
Radiating Element Material	Aluminum
Radome Material	Fiberglass
Radome Color	Light Grey RAL7035
Weight w/o Mtg Hardware, kg (lb)	8 (17.6)
Packing Dimensions - HxWxD, m (ft)	1.5 x 0.3 x 0.22 (4.95 x 0.99 x 0.75)
Packing Dimensions, HxWxD, mm (in)	1490 x 300 x 220 (58.63 x 11.81 x 8.66)



Vertical Pattern



Horizontal Pattern