

CMA-BDHH/6519/E0-8

Quad-Port Antenna

XX-Pol: 1710-2180 / 1710-2180

Electrical specification:

Frequency range per input (MHz)
Frequency band definitions (MHz)

Polarization (°)

Gain (dBi)

Horizontal = 3dB beamwidth (°) ±5°

Vertical = 3dB beamwidth (°) ±0.5°

Adjustable electrical downtilt (°)

Front to back ratio +/-30° total power (dB)

First upper sidelobe suppression (dB)

First nullfill below horizon (dB)

Cross-polar discrimination +/-0° (dB)

Cross-polar discrimination +/-60° (dB)

VSWR

Isolation between inputs (dB)

Isolation between bands (dB)

Antenna Efficiency*

Inter modulation, IM3 (dBc)

Nominal impedance (Ω)

Max power per input (W)

Mechanical specification:

Connectors

Connector position

Lightning protection

Height/Width/Depth mm (in)

Antenna weight kg (lb)

Wind load at 42 m/s (94 mph)

Frontal:

Lateral:

Rear:

Survival wind speed

Colour radome

Radome material

Mounting hardware:

Mounting bracket

Bracket weight (complete)

Pole diameter

Tilt bracket

Ordering information:

CMA-BDHH/6519/E0-8/MET

CMA-BDHH/6519/E0-8/RET

2 x 1710-2180			2 x 1710-2180		
1710-1880	1850-1990	1920-2180	1710-1880	1850-1990	1920-2180
Dual linear ±45			Dual linear ±45		
18.2	18.6	19.2	18.2	18.6	19.2
65	64	62	65	64	62
7.3	6.8	6.4	7.3	6.8	6.4
0 – 8			0 – 8		
26			26		
0°, 4°, 8° >18, >16, >14			0°, 4°, 8° >18, >16, >14		
< 20			< 20		
> 20			> 20		
> 10			> 10		
< 1.5:1			< 1.5:1		
> 30			> 30		
> 94 %			> 94 %		
<-153 @2x43 dBm, typical <-160					
50					
500					
4 x 7/16 female					
Bottom					
DC grounded					
1298 (51.1) / 374 (14.7) / 132 (5.2)					
19 (41.9)					
437 N (98 lbf)					
85 N (19 lbf)					
550 N (124 lbf)					
67 m/s (150 mph)					
Light Grey, RAL 7035					
ASA					
2					
5.2 kg (11.5 lb)					
45-120 mm (1.8-4.7 in)					
0° - 8° mechanical					
110400					
110405					

