

Quad-Port Antenna CMA-UBDHH/6521/E1-10

XX-Pol: 1710-2690

Electrical specification:

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

Polarization

Gain (dBi)

Horizontal = 3 dB beam width (°) $\pm 3^\circ$

Vertical = 3 dB beam width (°) $\pm 0.6^\circ$

Adjustable electrical down tilt (°)

Front to back ratio, $\pm 30^\circ$ total power (dB)

First upper side lobe suppression (dB)

First null fill below horizon, typ. (dB)

Cross-polar discrimination $+/-0^\circ$ (dB)

Cross-polar discrimination $+/-60^\circ$ (dB)

Nominal impedance (Ω)

VSWR

Isolation between inputs (dB)

Antenna efficiency*

Inter modulation, IM3

Max power per input

Mechanical specification:

Connectors

Connector position

Lightning protection

Height/Width/Depth

Antenna weight

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-UBDHH/6521/E1-10/4.3-10/MET

CMA-UBDHH/6521/E1-10/4.3-10/RET

4 x 1710-2690

1710 - 1880

1920 - 2170

2300 - 2400

2490 - 2690

Dual linear $\pm 45^\circ$

19.4

20.1

20.7

21.4

66

62

59

56

4.9

4.4

3.8

3.4

1 - 10

>25

1°

6°

10°

>18

>18

>18

<25

> 24

> 8

50

< 1.5:1

> 28

89 %

<-155 dBc@2x43 dBm (< -160 typical)

500 W

4 x 4.3-10 female

Bottom

DC grounded

1841 mm (72.5 in) / 291 mm (11.5 in) / 135 mm (5.3 in)

18 kg (40 lbs)

482 N (108 lbf)

102 N (23 lbf)

606 N (136 lbf)

67 m/s (150 mph)

Light Grey, RAL 7035

ASA

2

5 kg (11 lb)

45-120 mm (1.8-4.7 in)

0° - 5° mechanical

120120

120125

