

CMA-B/6520/E0-8

X-pol: 1800-2100



Electrical specification:

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

Polarization

Gain (dBi)

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

Vertical = 3 dB beamwidth (°) $\pm 0.4^\circ$

Adjustable electrical downtilt (°)

Front to back ratio (dB)

First upper sidelobe suppression (dB)

First nullfill below horizon (dB)

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

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

VSWR

Isolation between inputs (dB)

Antenna Efficiency*

Inter modulation, IM3 (GSM) (dBc)

Inter modulation, IM7 (UMTS) (dBc)

Nominal impedance

Max power per input

Mechanical specification:

Connectors

Connector position

Lightning protection

Height/Width/Depth mm (in)

Antenna weight

Wind load at 42 m/s (94 mph) :

Survival wind speed

Colour radome

Radome material

Mounting hardware:

Mounting bracket

Bracket weight (complete)

Pole diameter

Tilt bracket

Ordering information:

MET version

RET version

1710-1880	2 x 1710-2180 1850-1990	1920-2180
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Dual linear $\pm 45^\circ$

19.1	19.6	20.2
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65	63	62
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6.0	5.6	5.3
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0 - 8

>25

0°, 4°, 8°
>18, >17, >16

<20

>20

>10

<1.5:1

>30

94 %

>153 @2x43 dBm

>163 @2x43 dBm

50 Ω

500 W

2 x 7/16 female

Bottom

DC grounded

1641 (64.6) / 196 (7.7) / 122 (4.8)

13 kg (28 lb)

Frontal: 307 N (69 lbf)

Lateral: 110 N (25 lbf)

Rear: 182 N (74 lbf)

60 m/s (134 mph)

Light Grey, RAL 7035

ASA

2

5 kg (11 lb)

45-120 mm (1.8-4.7 in)

0° - 5° mechanical

110031 B

110032 B

