



**EXTREME ENVIRONMENTS
EXTREMELY RELIABLE**



EON2

CS2 GOES/METEOSAT ANTENNA WITH GPS OPTION



The last GOES/Meteosat and GPS antenna you'll ever need.

The EON2 CS2 requires no assembly, and no aiming in most locations. Rugged by design, it is completely sealed for marine environments and dome-shaped for superior ice/snow shedding. Furthermore, it is smaller, lighter and more durable than a Yagi.

- One antenna replaces separate GOES and GPS antennas
- Cabinet top mounting eliminates exposed wiring
- Aiming bracket recommended for METEOSAT
- Extremely rugged—nothing to break
- Quick to install and reliable to operate



Small and light

- 32 cm x 13 cm at widest (12.7" x 5.2")
- 396 g (Less than 1 lb.)



Sealed enclosure

- Reliable operation in harsh environments (ice and snow, marine environments).
- No fragile pieces to get damaged. Fewer site visits to repair.
- No assembly during deployment.
- Material is designed for prolonged exposure to sunlight, moisture and heat.

Optional: Integrated GPS

- Install a single antenna instead of separate GOES/Meteosat and GPS antennas.
- Proprietary design ensures GPS function even when aimed.

TECHNICAL SPECIFICATIONS

PARAMETER	GOES	GPS OPTION
GAIN	5.7 dBic minimum	30dB +/- 1dB
HALF POWER BEAMWIDTH	99° Nominal	Hemispherical
FREQUENCY	398 MHz to 404 MHz	1575.42MHz
VSWR	1.5:1 Nominal, 2.0:1 Maximum	2.0:1 Maximum
DC INPUT VOLTAGE RANGE	N/A	+3.0Vdc to +5.0Vdc
DC CURRENT	N/A	20mA Maximum
CABLE CONNECTOR	Type-N (female)	SMA Female bulkhead mount
IMPEDENCE		50 Ohms
POLARIZATION		RHCP
CABLE LENGTH		4.5m (15')
MAX. DIAMETER OF MOUNTING STRUCTURE		6.35 cm (2.4")
DIMENSIONS	32 cm (12.7") x 13 cm (5.2") diameter at widest point	
WEIGHT		396 g (Less than 1 lb.)
WIND LOADING		322 km/h (200 mph)
OPERATIONAL TEMPERATURE		-40°C to +85°C



Typical Yagi
43" x 10.5"
6 lbs.



EON2
12.7" x 5.2"
Less than 1lb.



Optional: Adjustable mount.
Permits aiming if required,
without tools.

Optional: Mounting arm.
Adds distance from tower,
if required.



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