

ECO-600/7200

WIDEBAND 5G/LTE OMNI-DIRECTIONAL ANTENNA

PRODUCT OVERVIEW

The ECO-600/7200 is Wideband 5G/LTE antenna with an omni-directional radiation pattern. This antenna operates in the frequency range of 617-960 MHz, with a peak of 2 dBi, and 1710-7200 MHz, with a peak of 7 dBi. It is much shorter, lighter, and less susceptible to wind resistance. It is designed with an all-around fiberglass body for ruggedness and longevity in mind. This antenna covers all Cellular bands including CBRS Band 48 (Citizen Band Radio Service, 3.55-3.7 GHz), Band 71 (5G/LTE, 617-698 MHz), and FirstNet Public Safety (LTE Band 14, 758-798 MHz). Common applications for this antenna include cellular, IoT, CBRS, and FirstNet Public Safety. With the provided mount kit, integrators can effortlessly mount the ECO to the outer diameter of a 2-inch pipe within seconds. It provides a seamless integration offering exceptional flexibility and convenience.

Visit our [eStore](#) to purchase an Antenna online.



E C O - 6 0 0 / 7 2 0 0 - W H T

Cellular
Color

Electrical Specifications	
Frequency & Gain	617-960 MHz / 2 dBi Peak 1710-7200 Mhz / 7 dBi Peak
VSWR	2:1 Typ. / 3:1 Max
Impedance	50 Ohm Nominal
Power Rating	10 Watts

Mechanical Specifications	
Radome Material & Color	Fiberglass, Available in Black & White
Dimension	10.15" (258 mm) in Length, 1.03" (26 mm) Diameter
Net Weight	8 oz (0.5 lbs) (226 g)
Connector	Standard: "N" Female Jack Termination
Mounting Kit Included	Mounts Up to 2.0" OD (Outer Diameter) of a Pipe
Operating Temperature	-40° to +80° C
Lightening Protection	External Recommended
Wind Survivability	100 (161 kph) mph minimum 100 mph with 1/2" radial ice
Dust/Water Ingress	IP-55
RoHs Compliant	Yes

HIGHLIGHTS:

- Broad Coverage 2.4-2.5 & 4.9-7.2 GHz
- Ground Plane Independent
- Mounting Kit Included
- 802.11 Protocols including 802.11ax
- High Performance; High Gain
- Made-in-the-USA & UK

RELATED MODELS:

- ECO5-2400/5500
- ECO9-5500
- ECO6-5900RN

COMMON APPLICATIONS:

- Cellular
- IoT
- CBRS

BANDS:

- 5G: n1,n2,n3,n4,n5,n6,n7,n8,n12,n13,n14,n18,n20,n25,n26,n28,n29,n30,n34,n38,n39,n40,n41,n46,n47,n48,n53,n65,n66,n67,n70,n71,n77,n78,n79,n80,n81,n82,n83,n84,n85,n86,n89,n90,n95,n96,n98,n100,n101,n102,n104,n105,n106
- LTE: 1,2,3,4,5,6,7,8,9,10,12,13,14,17,18,19,20,22,23,25,26,27,28,29,30,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,65,66,67,68,69,70,71,77,78,79,80,81,82,83,84,85,86,89,90,95,96,98,100,101,102,104,105,106,252,255



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