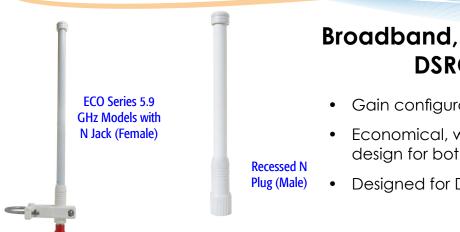
US Office: Tel: 800.648.2800 or +1.847.671.6690 UK Office: Tel: (+44) 1543 459 555 www.mobilemark.com





Mobile Mark's ECO Omni antennas are designed for all new data & broadband systems, including DSRC (Dedicated Short Range Communications) systems at 5.9 GHz.

Using the latest PCB technology, these antennas improve high-speed broadband system perform

These antennas can be us that fall under the ITS (Int including Smart Highways

The antenna element is er radome. The antenna ter

For direct male N mountin

Specifications Frequency/Gain:

Beamwidth: ECO6 ECO9 ECO12

Operating Temp:

Material:

Weight:

Lightning Protection: Max Wind Velocity:

Antenna Diameter:

Gain VSWR: Impedance: Max Power:

These antennas can withs yet are quite attractive for

Broadband, Omni-directional DSRC 5.9 GHz

- Gain configurations from 6 dBi to 12 dBi
- Economical, weatherproof and durable design for both indoors and outdoors
- Designed for DSRC systems at 5.9 GHz

rmance in an economical package.		Model #	Gain	Frequency
used for a variety of wireless applications ntelligent Transportation Systems) umbrella ys, Collision Avoidance and Tolling.		ECO9-5900-WHT	6 dBi Omni 9 dBi Omni 12 dBi Omni	5.9 - 6.0 GHz 5.9 - 6.0 GHz 5.9 - 6.0 GHz
enclosed in a tough white or black fiberglass rminates with an integrated N-female.		add "RN" Direct mount version with N Male ECO6-5900RN-WHT Recessed N Plug (Male)		
ing, series "RN" can be chosen.		*Note: "RN" does not include mounting hardware.		
stand the harshest outdoor environments, or indoor use.		<u>Color options available for above models</u> WHT-White or BLK-Black		
	5.9-6.0 GHz 6-12 dBi (see table) 2:1 max over range	Mounting:	mounts	surface mount, s up to 2″ (5 cm) s S.S. saddle
	50 Ohm nominal 25 Watts 25° El, 360° Az	Antenna Length: ECO6-5900 ECO9-5900 ECO12-5900	10 in (2 14 in (3	25.4 cm) 25.6 cm) 25.7 cm)
	12° El, 360° Az 7° El, 360° Az -40° to +85° C	RN Versions		6 cm) longer than rd lengths
	External recommended	Connector:	N Jack	(Female) standard
	125+ mph (193 kph) White or black fiberglass	RN Option:	Recesse	ed N Plug (Male)
	<0.75 lbs (< 0.340 kg)	Shock & Vibration:		73, EN 300 019-2-4,)G, IEC 60068, IEEE
	0.63 in (1.6 cm) Radome, 0.9 in (2.3 cm) at the base	Water Ingress	IPx5	

Specifications subject to change without notice (9/2018)