

ELEVATED FEED ANTENNAS

The elevated feed antennas maximize the performance by positioning the radiating element above obstructions, creating a superior omni-directional radiation pattern. Available with either a permanent or temporary mount for installation on the roof, trunk or fender.

- Unique "ball & socket" base allows 30° adjustment range on mount
- Matching network circuit board
- Direct contact between base and mount for higher performance and improved impedance match
- Installs and removes easily from all NMO mounts
- Copper plated 17-7 stainless steel whip
- No ground plane required
- Black base and whip



MODEL	EF0007	EF0008
FREQUENCY	824-896 MHz	824-896 MHz
GAIN	3 dB	3 dB
TYPE	1/2 over 1/2 λ	1/2 over 1/2 λ
VSWR	1.5:1 Tx	1.5:1 Tx
WHIP DIMENSIONS	0.100"	0.100"
IMPEDENCE	50 ohms	50 ohms
POWER RATING	35 watts	35 watts
COAX	17" RG-58/u Dual Shield	n/a
HEIGHT	8.5" without whip 21" with whip	8.5" without whip 21" with whip
CONNECTOR	No connector*	n/a

*EF0007 model includes NMO TLP SC UD low profile trunk mount.

PANEL ANTENNA

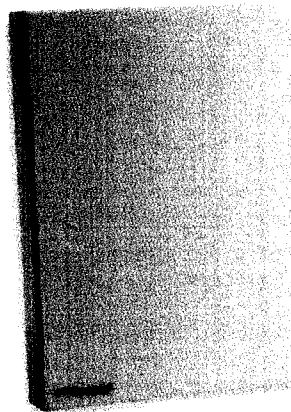
Larsen's panel series are directional, low profile antennas for wall mount applications. The panel series is the best choice for microcell or fill-in requirements.

Larsen's panel antennas minimize the chance for antenna failure by using a sealed shell and a low dielectric closed cell foam that will not absorb water. The panel's short mounting arm and double gimble

design assure complete horizontal and vertical tilt flexibility. The mounting bracket on the antenna is welded, providing superior adherence to the back plane.

Larsen's panel design offers versatile pole or wall mounting options. A variety of coax options are available from Larsen (not included).

MODEL	PA0004
FREQUENCY	824-896 MHz
GAIN	8 dB
VSWR	<1.5:1 Tx
H PLANE/E PLANE	60 min./60 min.
IMPEDANCE	50 ohms
POLARIZATION	Vertical
FRT. TO BCK. RATIO	20 dBi nominal
LIFE EXPECTANCY	20 years
AMBIENT TEMP.	-40 F to 120 F
DIMENSIONS	9.40" (l) 6.75" (w) 1.10" (d)
INPUT CONNECTOR	Type N, Panel Mount Jack Receptacle
MOUNTING OPTIONS	Dual function pole or wall mounting base
COAX OPTIONS	RG-8 RG-58, RG-213, RG 214/Larger diameter coax may require a right angle mating connector in some installations



- Laminated, closed cell foam construction
- Indoor and outdoor applications
- Precision cut radiating elements
- N type connector
- UV protected casing
- Excellent front-to-back ratio