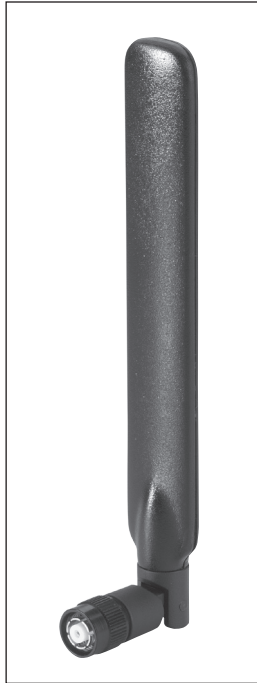


LARSEN PENTABAND ANTENNAS

Larsen offers two new products which combine 4-band GSM and W-CDMA 2100 to receive and transmit signals in all cellular bands. Larsen pentaband antennas cover 806-960/1710-2170 MHz. The OC806/2170TNC is an omni directional ceiling mount with a gain of 1.5 dBi/2.5 dBi and a TNC connector. The SPDA17806/2170 is a swivel mount dipole with a TNC Male connector and a gain of .5 in both frequency bands.

Both antennas feature a unique multi-band design which allows a wide range of frequencies to be covered by one small antenna. Created primarily for office environments, these antennas are also ideally suited for parking garages, airports, shopping malls and other challenging coverage areas.

Designed for simple installation and minimal visual impact, these antennas support both existing and future wireless applications.



MODEL	FREQUENCY (MHz)
SPDA17806/2170	806 - 960 / 1710 - 2170

SPECIFICATIONS	
GAIN	806 - 960 MHz: .5 dBi 1710 - 2170 MHz: .5 dBi
TYPE	Swivel Mount Dipole
VSWR	2.5:1
IMPEDANCE	50 Ohms
POLARIZATION	Vertical
RADIATION PATTERN	E Plane (849): 78° ± 2 E Plane (960): 63° ± 2 E Plane (1747): 40° ± 2 E Plane (1850): 50° ± 2 E Plane (2140): 58° ± 2 H Plane: Omni-directional
OPERATING TEMP	-22° to +158° F
RADOME ENCLOSURE	PC / ABS
CONNECTOR	TNC Male
DIMENSIONS	Bent: 6.1" H X 1.5" W Straight: 7.7" H X .62" Diameter

MODEL	FREQUENCY (MHz)
OC806/2170TNC	806 - 960 / 1710 - 2170

SPECIFICATIONS	
GAIN	1.5 dBi / 2.5 dBi ± .5 dB
TYPE	Ceiling Mount
VSWR	1.8: / 1.6:1 maximum
IMPEDANCE	50 Ohms
POLARIZATION	Vertical
RADIATION PATTERN	E Plane (806-960): 115° E Plane (1710-2170): 55° H Plane: Omni-directional
MAX INPUT POWER	50 Watts
OPERATING TEMP	-22° to +158°
RADOME ENCLOSURE	ABS
CONNECTOR	TNC (Male)
DIMENSIONS	2.75" H x 7.1M" Diameter
MOUNTING	Direct Feed