

# LTE, 4G, BROADBAND

**NOTE: All NMO mount antennas listed in this catalog section require the NMOHF-style (high frequency 27 MHz - 6 GHz) mount.**

## LTE, 4G BROADBAND WHIPS

| Model             | Type          | Frequency (MHz)                   | Gain (dBd/dBi)    | Max Height (In)            | VSWR   | Cable Assembly   |
|-------------------|---------------|-----------------------------------|-------------------|----------------------------|--------|------------------|
| EF2405NMO         | Elevated Feed | 2400-2500                         | 2.9/5             | 16                         | <1.5:1 | Order Separately |
| EF4905NMO         | Elevated Feed | 4900-5000                         | 2.9/5             | 12                         | <1.5:1 | Order Separately |
| NMO4E4900B        | Elevated Feed | 4900-5350                         | 1.9/4             | 4.5                        | 2:1    | Order Separately |
| NMO4E5350B        | Elevated Feed | 5350-5925                         | 4.9/4             | 4.5                        | 2:1    | Order Separately |
| NMO5E2400B        | Collinear     | 2400-2500                         | 2.95              | 8.5                        | 1.5:1  | Order Separately |
| R380500109        | Dipole        | 2400-2500                         | 0/2               | 3.5                        | 1.5:1  | Order Separately |
| R380500125        | Dipole        | 2400-2500                         | 0/2               | 2.5                        | 1.5:1  | Order Separately |
| SPDA17RP2400/5900 | PCB           | 2400-2500<br>4900-5900            | 0/2<br>2.9/5      | 6 (Bent)<br>7 (Straight)   | 2:1    | Order Separately |
| SPDA17806/2170LAR | PCB           | 806-960<br>1710-2170              | 0/5<br>0/5        | 6 (Bent)<br>7.5 (Straight) | 2.5:1  | Order Separately |
| SPDA24700/2700    | PCB           | 698-960<br>1710-2170<br>2500-2700 | 0/0<br>0/0<br>0/0 | 9 (Straight)               | 2.5:1  | Order Separately |



NMO5E



NMO4E



R380.500.125



R380.500.109



SPDA17RP2400/5900



SPDA24700/2700



SPDA17806/2170LAR

## GPS LTE DIRECT MOUNTS

| Model            | Frequency (MHz)             | Gain (dBd/dBi) | Polarization    | VSWR  | Mounting  | Voltage | Size H x Dia (In) | Cable      | Conn |
|------------------|-----------------------------|----------------|-----------------|-------|-----------|---------|-------------------|------------|------|
| GPSDM700/2500FFS | 698-960/1710-2170/2300-2700 | .9/3           | Linear Vertical | 2.0:1 | 3/4" Hole | 3 or 5  | 3.5 x 4.16        | 17' RG-58  | FME  |
|                  | 2400-2485/5150-5850         | 3.9/6          | Linear Vertical |       |           |         |                   | 17' RG-58  | FME  |
|                  | 1575.42                     | 5 dBic         | RHCP            |       |           |         |                   | 17' RG-174 | SMA  |



GPSDM700/2500

The most commonly used cable assembly/mount is the NMOKHFUD (27 MHz to 6 GHz) with 17' of UD (RG-58/U Dual Shield).

[www.pulseelectronics.com/products/antennas](http://www.pulseelectronics.com/products/antennas)

NOTE: Antennas are not to scale

# LTE, 4G, BROADBAND

**NOTE: All NMO mount antennas listed in this catalog section require the NMOHF-style (high frequency 27 MHz - 6 GHz) mount.**

## 700/800/900/1850 MHz LOW PROFILE

| Model              | Frequency (MHz)                                  | Gain (dBd/dBi)                 | Mount             | Size H x DIA (In) | Power Rating (Watts) | Color | Cable Assembly   |
|--------------------|--------------------------------------------------|--------------------------------|-------------------|-------------------|----------------------|-------|------------------|
| LPT825/19NMOHF     | Cellular: 806-960<br>PCS: 1710-2170<br>ISM: 2400 | .8/3<br>.8/3<br>1.9/4          | NMOHF             | 3 x 1.75          | 10                   | Black | Order Separately |
| LPT2400NMOHF       | 2400-2500                                        | 2.9/5                          | NMOHF             | 3 x 1.75          | 10                   | Black | Order Separately |
| SLPT698/2170NMOHF  | LTE: 698-960<br>PCS: 1710-2170<br>ISM: 2400-2700 | 2.35/4.5<br>3.45/5.6<br>1.85/4 | NMOHF             | 3 x 1.75          | 10                   | Black | Order Separately |
| SLPT2400NMOHF      | 2400-2500                                        | 2.15/4.3                       | NMOHF             | 2.6 x 1.5         | 10                   | Black | Order Separately |
| SLPT4900NMOHF      | 4900-5900                                        | 3.35/5.5                       | NMOHF             | 2.6 x 1.5         | 10                   | Black | Order Separately |
| SLPT2400/5900NMOHF | 2400-2500<br>4900-5900                           | 2.15/4.3<br>3.35/5.5           | NMOHF             | 2.6 x 1.5         | 10                   | Black | Order Separately |
| LPT698/2170DM      | LTE: 698-960<br>PCS: 1710-2170<br>ISM: 2400-2700 | 2.35/4.5<br>3.45/5.6<br>1.85/4 | Direct (N Female) | 3 x 1.75          | 10                   | Black | Order Separately |
| SLPT2400DMN        | 2400-2500                                        | 2.15/4.3                       | Direct (N Female) | 2.6 x 1.5         | 10                   | Black | Order Separately |
| SLPT4900DMN        | 4900-5900                                        | 3.35/5.5                       | Direct (N Female) | 2.6 x 1.5         | 10                   | Black | Order Separately |
| SLPT2400/5900DMN   | 2400-2500<br>4900-5900                           | 2.15/4.3<br>3.35/5.5           | Direct (N Female) | 2.6 x 1.5         | 10                   | Black | Order Separately |



## LTE, 4G, BROADBAND STEALTH BLADES

Stealth Blade antennas have a gain of 2.14 dBi, a maximum power of 3 Watts and linear polarization

| Model       | Frequency (MHz) | Type   | Dimensions L x W (In) | Color | Coax      | Connector |
|-------------|-----------------|--------|-----------------------|-------|-----------|-----------|
| SB24003     | 2400-2500       | Dipole | 3 x .75               | Black | 3' RG-174 | No Conn   |
| SB24006     | 2400-2500       | Dipole | 3 x .75               | Black | 6' RG-174 | No Conn   |
| SB2400SMA3  | 2400-2500       | Dipole | 3 x .75               | Black | 3' RG-174 | SMA       |
| SB2400SMA6  | 2400-2500       | Dipole | 3 x .75               | Black | 6' RG-174 | SMA       |
| SB2400SMB3  | 2400-2500       | Dipole | 3 x .75               | Black | 3' RG-174 | SMB       |
| SB2400SMB6  | 2400-2500       | Dipole | 3 x .75               | Black | 6' RG-174 | SMB       |
| SB2400MMCX3 | 2400-2500       | Dipole | 3 x .75               | Black | 3' RG-174 | MMCX      |
| SB2400MMCX6 | 2400-2500       | Dipole | 3 x .75               | Black | 6' RG-174 | MMCX      |



## LTE, 4G, BROADBAND PANELS

| Model      | Frequency (MHz) | Gain (dBd/dBi) | VSWR  | Size L x W x D (In) | Polarization | Connector |
|------------|-----------------|----------------|-------|---------------------|--------------|-----------|
| PA2101850N | 1850-1990       | 7.9/10         | 2:1   | 9.5 x 4 x .8        | Vertical     | N Female  |
| PA4142400N | 2400-2485       | 12.5/14.2      | 1.5:1 | 9.5 x .8 x 8.6      | Vertical     | N Female  |



NOTE: Antennas are not to scale

1 800 ANTENNA (268-3662)

# LTE, 4G, BROADBAND

## LTE, 4G, BROADBAND RADOME OMNIS

**NOTE: Radome Omni antennas have the following specifications:**

**Radome Enclosure:** Pultruded Fiberglass (UV Protected)

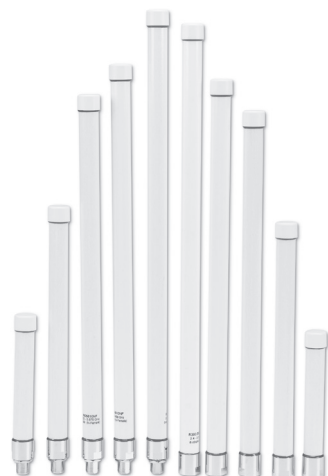
**VSWR:** 2.0:1

**Power Rating:** 20 Watts

**Ingress Protection:** IP67

**Polarization:** Vertical

**Suggested mounting brackets for N Female connectors are FB2BRACKET or FB3BRACKET. See Page 45 for FB brackets.**



Single Band Radome Omnis



RO806/2170NM

| Model                | Frequency (MHz)      | Gain (dBd/dBi) | Length (In) | Connector |
|----------------------|----------------------|----------------|-------------|-----------|
| RO2404NM             | 2400-2500            | 1.9/4          | 11.5        | N Male    |
| RO2406NF             | 2400-2500            | 3.9/6          | 11.5        | N Female  |
| RO2406NM             | 2400-2500            | 3.9/6          | 11.5        | N Male    |
| RO2408NF             | 2400-2500            | 5.9/8          | 20          | N Female  |
| RO2408NM             | 2400-2500            | 5.9/8          | 20          | N Male    |
| RO2408NFD (downtilt) | 2400-2500            | 5.9/8          | 20          | N Female  |
| RO2408NMD (downtilt) | 2400-2500            | 5.9/8          | 20          | N Male    |
| RO2408NFU (uptilt)   | 2400-2500            | 5.9/8          | 20          | N Female  |
| RO2408NMU (uptilt)   | 2400-2500            | 5.9/8          | 20          | N Male    |
| RO4910NF             | 4940-4990            | 7.8/10         | 18          | N Female  |
| RO4910NM             | 4940-4990            | 7.8/10         | 18          | N Male    |
| RO5206NF             | 5150-5350            | 3.9/6          | 6.75        | N Female  |
| RO5410NF             | 5470-5725            | 7.8/10         | 16.5        | N Female  |
| RO5210NF             | 5150-5350            | 7.8/10         | 16.5        | N Female  |
| RO5210NM             | 5150-5350            | 7.8/10         | 16.5        | N Male    |
| RO5410NM             | 5470-5725            | 7.8/10         | 16.5        | N Male    |
| RO5805NF             | 5150-5825            | 2.8/5          | 6.75        | N Female  |
| RO5805NM             | 5150-5825            | 2.8/5          | 6.75        | N Male    |
| RO5806NF             | 5725-5875            | 3.9/6          | 6.75        | N Female  |
| RO5810NF             | 5725-5875            | 7.8/10         | 16.5        | N Female  |
| RO5810NM             | 5725-5875            | 7.8/10         | 16.5        | N Male    |
| RO806/2170NM         | 806-960<br>1710-2170 | 1.9/4<br>1.9/4 | 16.5        | N Male    |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

[SPDA17850/1900](#)