

# SLPT Antennas for LTE, WLAN, 3G/4G Applications

## Low Profile Transit Style Antennas

Pulse/Larsen is proud to introduce the SLPT (Shadow Low Profile Transit) product line for Public Safety, WLAN, LTE and 3G/4G applications. These rugged, aesthetically pleasing antennas provide a smaller, slimmer option to our current LPT product line without sacrificing mechanical or electrical performance. The product line includes both NMO and tamper-proof direct mount products, which will support multiple cable and connector options.

SLPT antennas were designed to perform over the high-percentage bandwidth applications prevalent in today's market. As a new product line, these antennas were created specifically to serve emerging applications such as 700 MHz Public Safety, LTE, Smart Grid and WLAN. These value-oriented antennas provide a cost-effective, high-performance solution for LTE and 802.11n MIMO applications as well.

Part Number	Mounting Style	Frequency [MHz]
SLPT698NMO	NMO	698 - 806
SLPT740NMO	NMO	740 - 869
SLPT806NMO	NMO	806 - 960
SLPT2400NMOHF *	NMOHF	2400 - 2485
SLPT4900NMOHF *	NMOHF	4900 - 5900
SLPT698/2170NMOHF *	NMOHF	698-960 / 1710-2500
SLPT2400/5900NMOHF *	NMOHF	2400-2500 / 4900-5900
SLPT698DMN	Direct 3/4" Hole	698 - 806
SLPT740DMN	Direct 3/4" Hole	740 - 869
SLPT806DMN	Direct 3/4" Hole	806 - 960
SLPT2400DMN	Direct 3/4" Hole	2400 - 2485
SLPT4900DMN	Direct 3/4" Hole	4900 - 5900
SLPT698/2170DMN	Direct 3/4" Hole	698-960 / 1710-2500
SLPT2400/5900DMN	Direct 3/4" Hole	2400-2500 / 4900-5900

\* Requires an NMOHF (high frequency) mount

NMO Mount



Direct Mount



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## Mounting Options

### NMOHF Mounts



SLPT NMO mount (SLPTNMO) antennas are designed to mate perfectly with the Pulse/Larsen NMOHF (high frequency) mount. The NMOHF mount easily converts from low to high frequency applications and back simply by pulling or replacing the center pin and insulator. The larger center contact pin provides for additional strength against downward compression during low frequency installations, resulting in better low frequency VSWR.

For optimal frequency matching, the high frequency and multi band SLPT antennas are designed with an industry-unique coax-type connection which plugs into the Pulse/Larsen NMOHF mount in its high-frequency configuration (i.e. center pin and insulator removed).

NMOHF mounts are available with a variety of cable and connector options. There is also a thick mount version for surface applications up to 1/2" thickness using a standard 3/4" hole. The NMOHF mount is also available in a magnetic mount (NMOMMR) and a mirror bracket (NMOKHFMB).

If your antenna has a "pin" connector, use the NMOHF mount in the low frequency configuration - leave the center pin and insulator in place as it arrives from the factory.

"Pin" connector



If your antenna has a "high frequency" (HF) connector, use the NMOHF mount in the high frequency configuration - remove the center pin and insulator.

"HF" connector



### NMOHFGPS Mounts

SLPT NMO mount (SLPTNMO) antennas were designed as an ideal match to the NMOHFGPS series mounts. Installing an SLPTNMO antenna on the NMOHFGPS combines the high performance of a GPS antenna with durability of an SLPTNMO antenna. The NMOHFGPS is a direct mount solution utilizing any existing 3/4" hole. This alleviates the need to drill a new hole for mounting.



### Direct Mounts

SLPT direct mount (SLPTDMN) antennas require a 3/4" hole in the mounting surface. SLPTDMN antennas provide a tamper proof solution for applications such as M2M and Public Safety.

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