



All Larsen NMOHF (high frequency 27 MHz to 6 GHz) mounts convert from low frequency applications to high frequency applications and back by pulling or replacing the center pin and insulator.

NMOHF mounts require a 3/4" hole for mounting and include 17' of coax. NMOHF mounts accommodate roof surfaces from 0.1" to .03". NMOHFTHK (thick) mounts accommodates roof surfaces up to 1/2" thick.

## NMO 3/4" HIGH FREQUENCY MOUNTS

| Model          | Coax                      | Connector     |
|----------------|---------------------------|---------------|
| *NMOKHFCX      | CX (RG-58A/U)             | No Conn       |
| *NMOKHFCXFME   | CX (RG-58A/U)             | FME CRIMP     |
| *NMOKHFCXMPL   | CX (RG-58A/U)             | MPL           |
| *NMOKHFCXPL    | CX (RG-58A/U)             | PL-259        |
| *NMOKHFDS      | DS (RG-58A/U Dual Shield) | No Conn       |
| NMOKHFUD       | UD (RG-58U Dual Shield)   | No Conn       |
| *NMOKHFUDFME   | UD (RG-58U Dual Shield)   | FME           |
| *NMOKHFUDMPL   | UD (RG-58U Dual Shield)   | MPL           |
| *NMOKHFUDSMA   | UD (RG-58U Dual Shield)   | SMA           |
| *NMOKHFUDTNC   | UD (RG-58U Dual Shield)   | TNC           |
| *NMOKHF200SMAI | LMR200                    | SMA Installed |



## NMO 3/4" HIGH FREQUENCY MID-SIZE MOUNTS

| Model         | Coax                                | Connector |
|---------------|-------------------------------------|-----------|
| *NMOKHF MIDCX | CX (RG-58A/U)                       | No Conn   |
| *NMOKHF MIDDS | DS (RG-58A/U Dual Shield, Low Loss) | No Conn   |
| *NMOKHF MIDUD | UD (RG-58U, Dual Shield)            | No Conn   |



## NMO 3/4" HIGH FREQUENCY THICK MOUNTS

| Model        | Coax                      | Connector |
|--------------|---------------------------|-----------|
| *NMOKHFCXTHK | CX (RG-58A/U)             | No Conn   |
| *NMOKHFDSTHK | DS (RG-58A/U Dual Shield) | No Conn   |

If your antenna has a "tab" or "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.

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

"Pin" connector



"Tab" connector



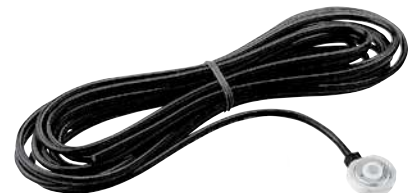
"HF" connector



## NMO 3/4" STANDARD MOUNTS

NMO 3/4" standard mounts require a 3/4" hole for mounting and include 17' of coax.

| Model      | Coax                      | Connector |
|------------|---------------------------|-----------|
| NMOKNOCONN | CX (RG-58A/U)             | No Conn   |
| *NMOK      | CX (RG-58A/U)             | PL-259    |
| *NMOKFME   | CX (RG-58A/U)             | FME       |
| *NMOKMPL   | CX (RG-58A/U)             | MPL Crimp |
| *NMOKDS    | DS (RG-58A/U Dual Shield) | No Conn   |
| *NMOKDSFME | DS (RG-58A/U Dual Shield) | FME       |
| NMOKUD     | UD (RG-58U Dual Shield)   | No Conn   |
| *NMOKUDFME | UD (RG-58U Dual Shield)   | FME       |
| *NMOKUDPL  | UD (RG-58U Dual Shield)   | PL-259T   |
| *NMOKUDTNC | UD (RG-58U Dual Shield)   | TNC       |





\*MADE IN THE USA

## CABLE ASSEMBLIES/MOUNTS



### NMO HIGH FREQUENCY MOUNTS

| Model    | Thickness                        | Cable        |
|----------|----------------------------------|--------------|
| NMOHF    | 0.761-2.54 mm Standard           | Not included |
| NMOHFMID | 0.761 - 5.90 mm Mid-Thickness    | Not included |
| NMOHFTHK | 1.6 - 12.7 mm Greatest Thickness | Not included |

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### NMO HIGH FREQUENCY MAGNETIC MOUNTS

**NMOHF round magnetic mounts have the following specifications:**

**Size:** 3.5" Diameter  
**Cable Length:** 12'  
**Pull Strength:** 80 lbs

| Model            | Coax                      | Connector |
|------------------|---------------------------|-----------|
| *NMOMMRNOCONN    | CX (RG-58A/U)             | No Conn   |
| *NMOMMR          | CX (RG-58A/U)             | 58FCP     |
| *NMOMMRFME       | CX (RG-58A/U)             | FME Crimp |
| *NMOMMRPL        | CX (RG-58A/U)             | PL-259    |
| *NMOMMRMPL       | CX (RG-58A/U)             | MPL Crimp |
| *NMOMMRTNC       | CX (RG-58A/U)             | TNC Crimp |
| *NMOMMRBNC       | CX (RG-58A/U)             | BNC Crimp |
| *NMOMMRN         | CX (RG-58A/U)             | N Crimp   |
| *NMOMMRDS        | DS (RG-58A/U Dual Shield) | No Conn   |
| *NMOMMRDSFME     | DS (RG-58A/U Dual Shield) | FME       |
| *NMOMMRDSMPL     | DS (RG-58A/U Dual Shield) | MPL Crimp |
| *NMOMMRDSN       | DS (RG-58A/U Dual Shield) | N Crimp   |
| *NMOMMRDSSMA     | DS (RG-58A/U Dual Shield) | SMA       |
| *NMOMMRDSSMAR/P  | DS (RG-58A/U Dual Shield) | SMARP     |
| *NMOMMRDSPL      | DS (RG-58A/U Dual Shield) | PL-259T   |
| *NMOMMRDSTNC     | DS (RG-58A/U Dual Shield) | TNC       |
| *NMOMMT200NOCONN | LMR200                    | No Conn   |
| *NMOMMR200SMA    | LMR200                    | SMA       |
| *NMOMMR200N      | LMR200                    | N         |

### NMO 3/8" THICK MOUNTS

**NMO3/8" mounts have the following specifications:**

**Mounting:** 3/4" hole  
**Mounting Surface:** 0.15" to 0.22" thickness  
**Cable Length:** 17'



| Model        | Coax                      | Connector |
|--------------|---------------------------|-----------|
| *NMOKCX38THK | CX (RG-58A/U)             | No Conn   |
| *NMOKUD38THK | DS (RG-58A/U Dual Shield) | No Conn   |



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## GPS LTE DIRECT MOUNTS

NMOHFGPS mounts have the following specifications:

|                      |                                |                  |               |
|----------------------|--------------------------------|------------------|---------------|
| <b>Frequency:</b>    | 1575.4 - 1576.4 MHz            | <b>Gain:</b>     | 5 dBic        |
| <b>Polarization:</b> | Right-Hand Circular / Vertical | <b>LNA Gain:</b> | 26 dB ± 2 dB  |
| <b>Cable:</b>        | 16.4' RG-174 (GPS)             | <b>VSWR:</b>     | Less than 2:1 |
|                      | 16.4' RG-58 (NMOHF)            | <b>Size:</b>     | .5 x 2 x 4.5  |
| <b>Voltage:</b>      | 3 or 5 V DC                    | <b>Color:</b>    | Black         |
| <b>Mounting:</b>     | 5/8" Hole                      |                  |               |



| Model             | Connectors       |
|-------------------|------------------|
| *NMOHFGPSFMENOCNN | FME/No Connector |
| *NMOHFGPSFMESMA   | FME/SMA          |
| *NMOHFGPSNOCNN    | No Connectors    |
| *NMOHFGPSSMASMA   | SMA/SMA          |

**NOTE:** Specifications listed refer to GPS performance. Additional antenna specifications are dependent on the antenna mounted on the NMO side.

## NMO SQUARE MAGNETIC MOUNTS

NMO square magnetic mounts have the following specifications:

|                       |           |
|-----------------------|-----------|
| <b>Size:</b>          | 3.5" x 3" |
| <b>Cable Length:</b>  | 12'       |
| <b>Pull Strength:</b> | 50 lbs    |

| Model        | Coax                      | Connector |
|--------------|---------------------------|-----------|
| *NMOMMNOCONN | CX (RG-58A/U)             | No Conn   |
| *NMOMMMPL    | CX (RG-58A/U)             | MPL       |
| *NMOMM       | CX (RG-58A/U)             | 58FCP     |
| *NMOMMBNC    | CX (RG-58A/U)             | BNC       |
| *NMOMMPL     | CX (RG-58A/U)             | PL-259    |
| *NMOMMFME    | CX (RG-58A/U)             | FME       |
| *NMOMMDSFME  | DS (RG-58A/U Dual Shield) | FME       |



## NMO TRUNK LID MOUNTS

NMO trunk lid mounts have the following specifications:

**Size: 2.5" x 2"**

| Model            | Coax          | Cable Length | Connector |
|------------------|---------------|--------------|-----------|
| *NMOTLP          | CX (RG-58A/U) | 17 ft.       | PL-259    |
| *NMOTLPFME       | CX (RG-58A/U) | 17 ft.       | FME       |
| *NMOHFTLP200NF   | LMR-200       | 17 ft.       | N-Female  |
| *NMOHFTLP200NF12 | LMR-200       | 12 ft.       | N-Female  |

