



# **Pulse**LARSEN *Antennas*

## **Cable Mounts and Connectors**

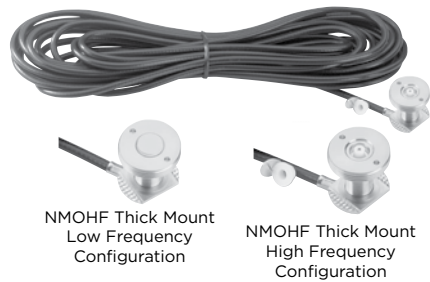
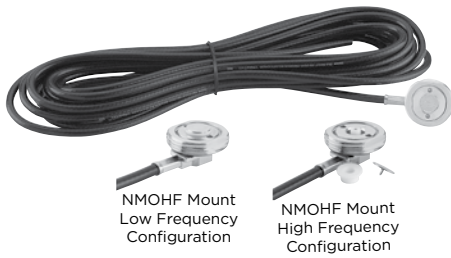


**YOUR INTRODUCTION TO PULSELARSEN CABLE MOUNTS.**

Want to learn more? Visit our website at [pulselarsenantennas.com](http://pulselarsenantennas.com)

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

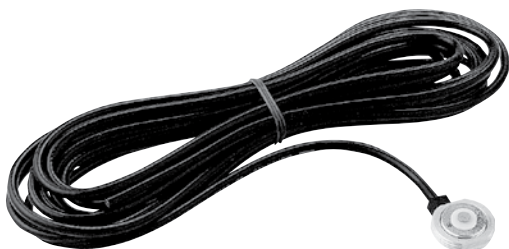
NMO 3/4" HIGH FREQUENCY THICK MOUNTS		
Model	Coax	Connector
NMOKHFCXTHK	CX (RG-58A/U)	No Conn
NMOKHFDSTHK	DS (RG-58A/U Dual Shield)	No Conn

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.



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



NMO 3/4" STANDARD MOUNTS		
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

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.

**NMOHFGPS mounts have the following specifications:**

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

GPS LTE DIRECT MOUNTS	
odel	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 have the following specifications:**

**Size:** 3.5" x 3" ■ **Cable Length:** 12' ■ **Pull Strength:** 50 lbs

NMO SQUARE MAGNETIC MOUNTS		
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 have the following specifications:**

**Size:** 2.5" x 2"

NMO TRUNK LID MOUNTS			
Model	Coax	Connector	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



# CONNECTORS

## SMA CONNECTORS



MODEL	DESCRIPTION
SMACP58	SMA Crimp Plug 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
SMACJ	SMA Crimp Jack 58/U
CABLE GROUP	58

## BNC CONNECTORS



MODEL	DESCRIPTION
BNCCRIMP	BNC Crimp Plug 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
BNCCJ58	BNC Crimp Jack 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
BNC174	BNC Crimp Plug 174/U
CABLE GROUP	174

## N CONNECTORS



MODEL	DESCRIPTION
NCRIMP	N Crimp Plug 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
N8	N Clamp Plug 8/U
CABLE GROUP	8

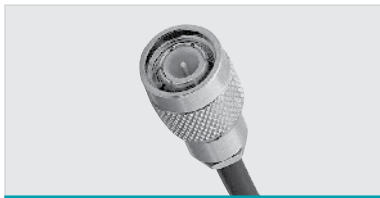


MODEL	DESCRIPTION
NCBJ58	N Crimp Blk Jack 58/U
CABLE GROUP	58

## TNC CONNECTORS



MODEL	DESCRIPTION
TNCCRIMP	TNC Crimp Plug 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
TNC	TNC Clamp Plug 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
TNCCJ	TNC Crimp Jack 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
TNCCBJ	TNC Crimp Blk Jack 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
TNCAP	TNC Angle Plug 58/U
CABLE GROUP	58

# CONNECTORS

## UHF CONNECTORS



MODEL	DESCRIPTION
MPLCRIMP	M/UHF Crimp Plug 58/U
CABLE GROUP	58



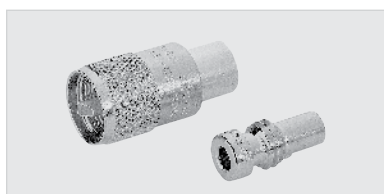
MODEL	DESCRIPTION
MPLCP	M/UHF Crimp Plug 174/U
CABLE GROUP	174



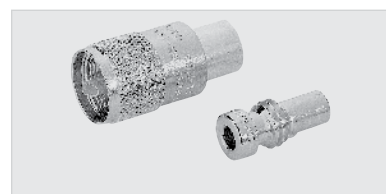
MODEL	DESCRIPTION
MPLCJ58	M/UHF Crimp Jack 58/U
CABLE GROUP	58



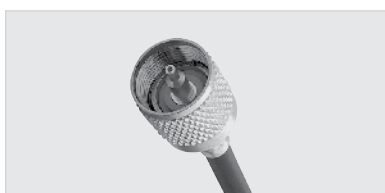
MODEL	DESCRIPTION
PL2598PHN	UHF Solder Plug PL 259/U
CABLE GROUP	8



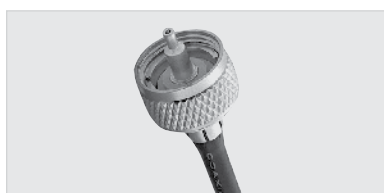
MODEL	DESCRIPTION
PL259T	UHF Solder Plug PL259/U Teflon & Silver UG175 adapter 8/58
CABLE GROUP	8/58



MODEL	DESCRIPTION
PL259	UHF Solder Plug PL259/U with UG 175 adapter 8/58
CABLE GROUP	8/58



MODEL	DESCRIPTION
PLCP	UHF Crimp Plug 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
58FCP	UHF FCP Plug 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
PL2598	UHF Solder Plug PL259/U, Teflon & Silver Plate 8/58
CABLEGROUP	8/58



MODEL	DESCRIPTION
UG175	UHF Reducing adapter 58/U
CABLE GROUP	58



MODEL	DESCRIPTION
PL258	UHF adapter J/J



MODEL	DESCRIPTION
UHFBJJ	UHF bulkhead

# PARTS & ACCESSORIES



MODEL	DESCRIPTION
6 x 32	Set Screws
8 x 32	Set Screws



MODEL	DESCRIPTION
A4	BSA/BA/SO-239 to NMO mount adapter



MODEL	DESCRIPTION
BA	Bulkhead mount adapter with hardware



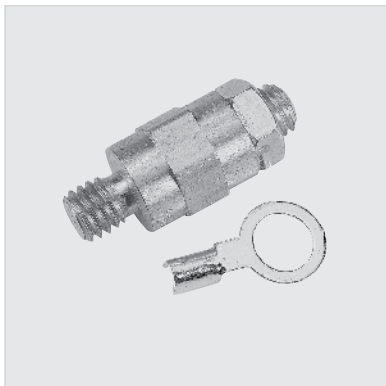
MODEL	DESCRIPTION
BAHEXNUT	Hex nut for BA



MODEL	DESCRIPTION
BALL1B	Black teardrop rod tip for W490, W540 tapered rods
BALL2B	Black teardrop rod tip for Q and NMOQ antennas
BALL3B	Black teardrop rod tip for .100 diameter non-tapered rods
BALL4	Rod tip WBQ800 antennas



MODEL	DESCRIPTION
BANOHardware	Bulkhead mount adapter without hardware



MODEL	DESCRIPTION
BATTBOLT	Battery bolt with terminals, 3/8" ring leads



MODEL	DESCRIPTION
FB2BRACKET	Mounting bracket and hardware for FB2 series



MODEL	DESCRIPTION
FB3BRACKET	Mounting bracket and hardware for blade and round FB antennas

# PARTS & ACCESSORIES



MODEL	DESCRIPTION
NMOCAPB	Rain cap for NMO mount



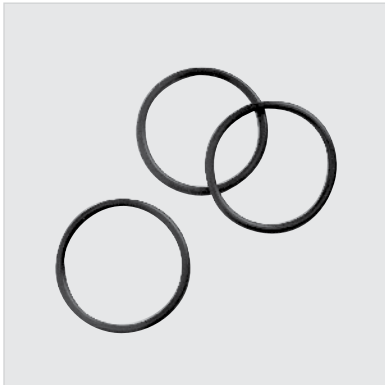
MODEL	DESCRIPTION
HFCENTERCONTACT	NMOHF Center Contacts and Insulators - 10 each



MODEL	DESCRIPTION
NMOTEST1	Test adapter for NMO mount



MODEL	DESCRIPTION
OCBRACKET	3" Tall bracket for ceiling or wall mount, Cool Grey



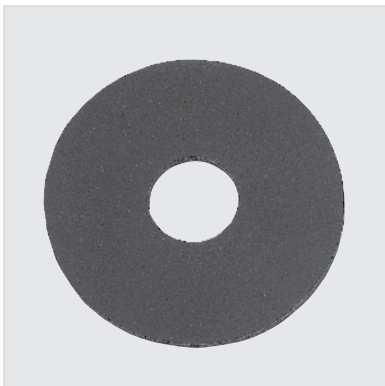
MODEL	DESCRIPTION
OLMMNT	O ring for LM mount
ONMOANT	O ring for NMO antennas/bases
ONMOMNT	O ring for NMO mount
OPOMNT	O ring for PO mount



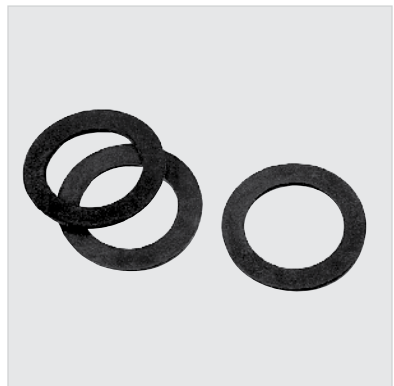
MODEL	DESCRIPTION
QCONE.073	Chrome Q cone / Q base, .073 dia.
QCONE.100	Chrome Q cone / Q base, .100 dia.
QCONE.125	Chrome Q cone / Q base, .125 dia.



MODEL	DESCRIPTION
QCONE.073B	Black Q cone / Q base, .073 dia.
QCONE.100B	Black Q cone / Q base, .100 dia.
QCONE.125B	Black Q cone / Q base, .125 dia.



MODEL	DESCRIPTION
RGFB1ANT	Rubber gaskets for FB1 antenna



MODEL	DESCRIPTION
RGNMOANT	Rubber gasket for NMO coil/bases
RGPOMNT	Rubber gasket for PO mounts

## COAX TYPES | PART NUMBERS



**RG-174  
Small Diameter Coax**

RG-174 is the industry standard for applications requiring a small diameter, highly flexible coax. Frequently used in mobile mag mount applications. Subject to higher losses at higher frequencies. Good performance for environmental variations but lower in overall ruggedness.

**Recommended Applications**

Mobile/Portable less than 900 MHz where flexibility and small diameter is important.

Larsen Part Number	Stocking Lengths
RG-174	1000'/Spool Cut to order



**RG-213 - Stranded Bare  
Braid Mil Spec QPI**

This RG-8-sized cable uses a stranded center conductor with a polyethylene dielectric and PVC jacket. Built to Mil Specs this cable is used in all Larsen UHF/VHF products targeted for outdoor installation.

**Recommended Applications**

For lower frequency applications requiring high ruggedness.

Larsen Part Number	Stocking Lengths
RG-213	500' or 1000'/Spool Cut to order



**RG-58U - Low Loss Dual Shield  
with Solid Center Conductor (UD)**

This is Larsen's premium coax for 800 and 900 MHz applications. The solid center conductor (20 AWG) is easy to use with all connectors. Digital applications benefit from the 100% Duofoil aluminum shield. The shield is not glued to the dielectric making it easier to peel back for connector installation. The braid is 95% coverage. This cable is standard for most mounting kits over 800 MHz and can be special ordered with other frequencies. Uses standard RG-58 connectors.

**Recommended Applications**

For all applications at 800 MHz and above.

Larsen Part Number	Stocking Lengths
UD Coax	1000'/Spool Cut to order



**RG-58A/U  
CX Standard Coax**

The industry standard in quality, value-priced coax. Stranded center conductor offers good flexibility and long-life under most conditions. Not typically recommended for applications above 512 MHz due to higher losses. Uses standard RG-58 connectors.

**Recommended Applications**

General applications under 512 MHz. First choice for value priced coax.

Larsen Part Number	Stocking Lengths
CX Coax	1000'/Spool Cut to order



**RG-58A/U - "Digi-Shield"<sup>TM</sup>  
Low Loss Braided Center**

Employs two shields, consisting of a full aluminum/mylar wrap covered by a braid. This combination of shields, plus low-loss dielectric material and stranded center conductor makes an excellent choice for mobile applications. Performance features include low-loss and high flexibility. Uses standard RG-58 connectors.

**Recommended Applications**

Higher performance applications where lower loss and flexibly are important. Recommended for applications above 800 MHz.

Larsen Part Number	Stocking Lengths
DS Coax	1000'/Spool Cut to order





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