

# LARSEN PUBLIC SAFETY MOBILE APPLICATIONS LOW PROFILE PRODUCT MATRIX

## Low Profile NMO Mount

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Low Profile	406 - 420	Unity	LP406NMO	Black, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	406 - 420	Unity	LP406NMOW	White, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	420 - 440	Unity	LP420NMO	Black, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	420 - 440	Unity	LP420NMOW	White, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	450 - 470	Unity	LP450	Black, Direct Feed, 24" Ground Plane Required	17' RG-58U, Dual Shield	No Conn
Low Profile	450 - 470	Unity	LP450NMO	Black, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	450 - 470	Unity	LP450NMOW	White, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	470 - 490	Unity	LP470NMO	Black, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	470 - 490	Unity	LP470NMOW	White, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	490 - 512	Unity	LP490NMO	Black, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	490 - 512	Unity	LP490NMOW	White, NMO Mount, 20" Diameter Ground Plane Required	N/A	N/A
Low Profile	806 - 960	Unity	LP800	Black, Permanent Mount, Direct Feed	17' RG-58U, Dual Shield	No Conn
Low Profile	806 - 960	Unity	LP800NMO	Black, NMO Mount	N/A	N/A
Low Profile	806 - 960	Unity	LP800NMOW	White, NMO Mount	N/A	N/A
Low Profile Transit	450 - 470	Unity	LPT450NMO	Black, NMO Transit Coil	N/A	N/A
Low Profile Transit	740 - 866	Unity	LPT700/800NMO	Black, NMO Transit Coil	N/A	N/A
Low Profile Transit	806 - 960	Unity	LPT800/900NMO	Black, NMO Transit Coil	N/A	N/A
Low Profile Transit	2400 - 2500	Unity	LPT2400NMOHF	Black, NMO High Frequency Transit Coil	N/A	N/A
Low Profile Transit Multi Band	806-960/ 1710-1990/ 2400	3 dBi / 4 dBi	LPT825/19NMOHF	Black, Dual Band Cell/PCS NMO Transit Coil	N/A	N/A

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## Low Profile Stealth Blade

Antenna Type	Frequency (MHz)	Gain (dBi)	Part Number	Antenna Description	Black Coax	Connector
Stealth Blade	450-470	2.14	SB450FME12	Flexible printed circuit dipole, 10" long	12' RG-316	FME
Stealth Blade	806-896	2.14	SB8003	Flexible printed circuit dipole, 5.2" long	3' RG-174	No Conn
Stealth Blade	806-896	2.14	SB80012	Flexible printed circuit dipole, 5.2" long	12' RG-174	No Conn
Stealth Blade	806-896	2.14	SB800FME3	Flexible printed circuit dipole, 5.2" long	3' RG-174	FME
Stealth Blade	806-896	2.14	SB800FME12	Flexible printed circuit dipole, 5.2" long	12' RG-174	FME
Stealth Blade	806-896	2.14	SB800MPL3	Flexible printed circuit dipole, 5.2" long	3' RG-174	MPL
Stealth Blade	806-896	2.14	SB800MPL12	Flexible printed circuit dipole, 5.2" long	12' RG-174	MPL
Stealth Blade	806-896	2.14	SB800SMA3	Flexible printed circuit dipole, 5.2" long	3' RG-174	SMA
Stealth Blade	806-896	2.14	SB800SMA12	Flexible printed circuit dipole, 5.2" long	12' RG-174	SMA
Stealth Blade	806-896	2.14	SB800TNC3	Flexible printed circuit dipole, 5.2" long	3' RG-174	TNC
Stealth Blade	806-896	2.14	SB800TNC12	Flexible printed circuit dipole, 5.2" long	12' RG-174	TNC
Stealth Blade	806-896	2.14	SB9003	Flexible printed circuit dipole, 5.2" long	3' RG-174	No Conn
Stealth Blade	806-896	2.14	SB90012	Flexible printed circuit dipole, 5.2" long	12' RG-174	No Conn
Stealth Blade	806-896	2.14	SB900SMA3	Flexible printed circuit dipole, 5.2" long	3' RG-174	SMA
Stealth Blade	806-896	2.14	SB900SMA12	Flexible printed circuit dipole, 5.2" long	3' RG-174	SMA
Stealth Blade	2400-2500	2.14	SB24003	Flexible printed circuit dipole, 3" long	12' RG-174	No Conn
Stealth Blade	2400-2500	2.14	SB24006	Flexible printed circuit dipole, 3" long	6' RG-174	No Conn
Stealth Blade	2400-2500	2.14	SB2400SMA3	Flexible printed circuit dipole, 3" long	3' RG-174	SMA
Stealth Blade	2400-2500	2.14	SB2400SMA6	Flexible printed circuit dipole, 3" long	6' RG-174	SMA
Stealth Blade	2400-2500	2.14	SB2400SMB3	Flexible printed circuit dipole, 3" long	3' RG-174	SMB
Stealth Blade	2400-2500	2.14	SB2400SMB6	Flexible printed circuit dipole, 3" long	6' RG-174	SMB
Stealth Blade	2400-2500	2.14	SB2400MMCX3	Flexible printed circuit dipole, 3" long	3' RG-174	MMCX
Stealth Blade	2400-2500	2.14	SB2400MMCX6	Flexible printed circuit dipole, 3" long	6' RG-174	MMCX
Dual Band Stealth Blade	806-960 / 1710-1999	2 / 2	R380.900.323	Flexible printed circuit dipole, 5" long	10' RG-174	FME
Dual Band Stealth Blade	806-960 / 1710-1999	2 / 2	R380.900.334	Flexible printed circuit dipole, 5" long	10' RG-174	SMA

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## Cable Kits - NMO Standard Mounts

Part Number	Description	Cable Type	Length	Connector
NMOKNOCONN	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Single Shield	17'	No Conn
NMOKFME	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Single Shield	17'	FME Crimp
NMOKMPL	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Single Shield	17'	MPL Crimp
NMOKN	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Single Shield	17'	N Crimp
NMOK	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Single Shield	17'	PL-259
NMOKTNC	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Single Shield	17'	TNC Crimp
NMOKBNC	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Single Shield	17'	BNC Crimp
NMOKDS	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Dual Shield	17'	No Conn
NMOKDSFME	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Dual Shield	17'	FME Crimp
NMOKDSMPL	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Dual Shield	17'	MPL Crimp
NMOKDSN	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Dual Shield	17'	N Crimp
NMOKDSPL	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Dual Shield	17'	PL-259T
NMOKDSTNC	Motorola Style Roof Mount, 3/4" Hole	RG-58A/U Dual Shield	17'	TNC Crimp
NMOKUD	Motorola Style Roof Mount, 3/4" Hole	RG-58U, Dual Shield	17'	No Conn
NMOKUDFME	Motorola Style Roof Mount, 3/4" Hole	RG-58U, Dual Shield	17'	FME Crimp
NMOKUDMPL	Motorola Style Roof Mount, 3/4" Hole	RG-58U, Dual Shield	17'	MPL Crimp
NMOKUDN	Motorola Style Roof Mount, 3/4" Hole	RG-58U, Dual Shield	17'	N Crimp
NMOKUDPL	Motorola Style Roof Mount, 3/4" Hole	RG-58U, Dual Shield	17'	PL-259T
NMOKUDSMA	Motorola Style Roof Mount, 3/4" Hole	RG-58U, Dual Shield	17'	SMA Male
NMOKUDTNC	Motorola Style Roof Mount, 3/4" Hole	RG-58U, Dual Shield	17'	TNC Crimp

## Cable Kits - NMO Standard Trunk Lid Mounts

Part Number	Description	Cable Type	Length	Connector
NMOTLP	Motorola Style Trunk Lid Mount, 2.5" x 2"	RG-58A/U	17'	PL-259
NMOTLPFME	Motorola Style Trunk Lid Mount, 2.5" x 2"	RG-58A/U	17'	FME Crimp
NMOTLPMPL	Motorola Style Trunk Lid Mount, 2.5" x 2"	RG-58A/U	17'	MPL Crimp

## Cable Kits - NMO Standard Trunk Gutter Mounts

Part Number	Description	Cable Type	Length	Connector
NMOTMB	Motorola Style Trunk Gutter Mount, Stainless, 1.75" x 1.75"	RG-58A/U	17'	PL-259
NMOTMBB	Motorola Style Trunk Gutter Mount, Black, 1.75" x 1.75"	RG-58A/U	17'	PL-259

## Cable Kits - NMO 3/8" Mounts

Part Number	Description	Cable Type	Length	Connector
NMOKCX38THK	Motorola Style Thick Surface Mount for Surfaces from 0.15" to 0.22", 3/8" Hole Diameter	RG-58A/U	17'	No Conn
NMOKDS38THK	Motorola Style Thick Surface Mount for Surfaces from 0.15" to 0.22", 3/8" Hole Diameter	RG-58A/U Dual Shield	17'	No Conn

# LARSEN PUBLIC SAFETY MOBILE APPLICATIONS LOW PROFILE PRODUCT MATRIX

## Magnetic Mount Cable Kits - NMO Standard Mounts

Part Number	Description	Cable Type	Length (Feet)	Connector
LMMMMFME	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Single Shield	12	FME Crimp
LMMMMPL	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Single Shield	12	MPL Crimp
LMMM	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Single Shield	12	58FCP
LMMMTNC	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Single Shield	12	TNC Crimp
LMMMBNC	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Single Shield	12	BNC Crimp
LMMMPL	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Single Shield	12	PL-259
LMMMDS	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Dual Shield	12	No Conn
LMMMDSFME	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Dual Shield	12	FME Crimp
LMMMDSMPL	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Dual Shield	12	MPL Crimp
LMMMDSPL	5/16" x 24 THDS, 3.5" x 3" Rectangle, 50 lbs Pull Strength	RG-58A/U Dual Shield	12	PL-259T
NMOMMNOCONN	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Single Shield	12	No Conn
NMOMMPL	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Single Shield	12	MPL Crimp
NMOMM	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Single Shield	12	58FCP
NMOMMBNC	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Single Shield	12	BNC Crimp
NMOMMPL	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Single Shield	12	PL-259
NMOMMFME	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Single Shield	12	FME Crimp
NMOMMTNC	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Single Shield	12	TNC Crimp
NMOMMDS	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Dual Shield	12	No Conn
NMOMMDSFME	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Dual Shield	12	FME Crimp
NMOMMDSMPL	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Dual Shield	12	MPL Crimp
NMOMMDSN	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Dual Shield	12	N Crimp
NMOMMDSPL	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Dual Shield	12	PL-259
NMOMMDSTNC	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58A/U Dual Shield	12	TNC Crimp
NMOMMUDN	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58/U Dual Shield	12	N
NMOMMUDSMART	3.5" x 3" Rectangle NMO Style Mount, 90 lbs Pull Strength	RG-58/U Dual Shield	12	SMA Reverse Thread
NMOMMRNOCONN	3.25" Round NMO Style High/Low Freq Mount, 80 lbs Pull Strength	RG-58A/U Single Shield	12	No Conn

# LARSEN PUBLIC SAFETY MOBILE APPLICATIONS LOW PROFILE PRODUCT MATRIX

## Cable Kits - NMO High Frequency Mounts

*Converts from low frequency applications to high frequency applications and back by pulling or replacing the center contact pin and insulator*

Part Number	Description	Cable Type	Length	Connector
NMOKHFCX	NMO High/Low Frequency Mount, Low Loss Cable	RG-58A/U Single Shield	17'	No Conn
NMOKHFCXFME	NMO High/Low Frequency Mount, Low Loss Cable	RG-58A/U Single Shield	17'	FME Crimp
NMOKHFCXMPL	NMO High/Low Frequency Mount, Low Loss Cable	RG-58A/U Single Shield	17'	Mini UHF
NMOKHFCXPL	NMO High/Low Frequency Mount, Low Loss Cable	RG-58A/U Single Shield	17'	PL-259
NMOKHFCXTHK	NMO High/Low Frequency Thick Mount (to 1/2"), Low Loss Cable	RG-58A/U Single Shield	17'	No Conn
NMOKHFDS	NMO High/Low Frequency Mount, Low Loss Cable	RG-58A/U Single Shield	17'	No Conn
NMOKHFDSSMA	NMO High/Low Frequency Mount, Low Loss Cable	RG-58A/U Single Shield	17'	SMA
NMOKHFDSTHK	NMO High/Low Frequency Thick Mount (to 1/2"), Low Loss Cable	RG-58A/U Dual Shield	17'	No Conn
NMOKHFDSTNC	NMO High/Low Frequency Mount, Low Loss Cable	RG-58A/U Dual Shield	17'	TNC
NMOKHFUD	NMO High/Low Frequency Mount, Low Loss Cable	RG-58A/U Dual Shield	17'	No Conn
NMOKHFUDFME	NMO High/Low Frequency Mount, Low Loss Cable	RG-58A/U Dual Shield	17'	FME
NMOKHFUDMPL	NMO High/Low/Low Frequency Mount, Low Loss Cable	RG-58A/U Dual Shield	17'	MPL
NMOKHFUDPL	NMO High/Low/Low Frequency Mount, Low Loss Cable	RG-58U, Dual Shield	17'	PL-259T
NMOKHFUDSMA	NMO High/Low Frequency Mount, Low Loss Cable	RG-58U, Dual Shield	17'	SMA
NMOKHFUDTHK	NMO High/Low Frequency Thick Mount (to 1/2"), Low Loss Cable	RG-58U, Dual Shield	17'	No Conn
NMOKHFUDTNC	NMO High/Low Frequency Mount, Low Loss Cable	RG-58U, Dual Shield	17'	TNC
NMOKHF200SMAI	NMO High/Low Frequency Mount, Low Loss Cable	LMR200	17'	SMA Installed
NMOKHF200NCI	NMO High/Low Frequency Mount, Low Loss Cable	LMR200	17'	N Crimp Installed

## Cable Kits - NMO High Frequency Mirror Mounts

*Converts from low frequency applications to high frequency applications and back by pulling or replacing the center contact pin and insulator*

Part Number	Description	Cable Type	Length	Connector
NMOKHFBCX *	Mirror Mount Bracket with Motorola Style High/Low Frequency Mount	CX	17'	No Conn
NMOKHFBUD *	Mirror Mount Bracket with Motorola Style High/Low Frequency Mount	UD	17'	No Conn

# LARSEN PUBLIC SAFETY MOBILE APPLICATIONS LOW PROFILE PRODUCT MATRIX

## Cable Kits - NMO High Frequency Magnetic Mounts

*Converts from low frequency applications to high frequency applications and back by pulling or replacing the center contact pin and insulator*

Part Number	Description	Cable Type	Length	Connector
NMOMMRNOCONN	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	CX	12'	No Conn
NMOMMRFME	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	CX	12'	FME Crimp
NMOMMRMPL	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	CX	12'	MPL Crimp
NMOMMRN	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	CX	12'	N Crimp
NMOMMR	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	CX	12'	58FCP
NMOMMRTNC	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	CX	12'	TNC Crimp
NMOMMRBNC	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	CX	12'	BNC Crimp
NMOMMRPL	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	CX	12'	PL-259
NMOMMRDS	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	DS	12'	No Conn
NMOMMRDSFME	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	DS	12'	FME Crimp
NMOMMRDSMPL	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	DS	12'	MPL Crimp
NMOMMRDSN	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	DS	12'	N Crimp
NMOMMRDSPL	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	DS	12'	PL-259T
NMOMMRDSTNC	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	DS	12'	TNC Crimp
NMOMMR200SMA	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	LMR200	12'	SMA
NMOMMR200N	3.25" Round Motorola Style High/Low Frequency Mount, 80 lbs Pull Strength	LMR200	12'	N