

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS NMO MOUNT PRODUCT MATRIX

Low/ Mid Band (27-136 MHz)

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Connector
Whip	27-30	0 dBd / 2 dBi	NMO27B	Loaded 1/4 Wave, Black Coil/Whip	Order Separately	N/A
Whip	27-30	0 dBd / 2 dBi	NMO27C	Loaded 1/4 Wave, Black Coil/Chrome Whip	Order Separately	N/A
Whip	27-30	0 dBd / 2 dBi	NMO27BK	Loaded 1/4 Wave, Black Coil/Whip	17' RG-58A/U	PL-259
Whip	27-30	0 dBd / 2 dBi	NMO27CK	Loaded 1/4 Wave, Black Coil/Chrome Whip	17' RG-58A/U	PL-259
Whip	30-34	0 dBd / 2 dBi	NMO30B	Loaded 1/4 Wave, Black Coil/Whip	Order Separately	N/A
Whip	30-34	0 dBd / 2 dBi	NMO30C	Loaded 1/4 Wave, Black Coil/Chrome Whip	Order Separately	N/A
Whip	30-34	0 dBd / 2 dBi	NMO30BK	Loaded 1/4 Wave, Black Coil/Whip	17' RG-58A/U	PL-259
Whip	30-34	0 dBd / 2 dBi	NMO30CK	Loaded 1/4 Wave, Black Coil/Chrome Whip	17' RG-58A/U	PL-259
Whip	34-40	0 dBd / 2 dBi	NMO34B	Loaded 1/4 Wave, Black Coil/Whip	Order Separately	N/A
Whip	34-40	0 dBd / 2 dBi	NMO34C	Loaded 1/4 Wave, Black Coil/Chrome Whip	Order Separately	N/A
Whip	34-40	0 dBd / 2 dBi	NMO34BK	Loaded 1/4 Wave, Black Coil/Whip	17' RG-58A/U	PL-259
Whip	34-40	0 dBd / 2 dBi	NMO34CK	Loaded 1/4 Wave, Black Coil/Chrome Whip	17' RG-58A/U	PL-259
Whip	40-50	0 dBd / 2 dBi	NMO40B	Loaded 1/4 Wave, Black Coil/Whip	Order Separately	N/A
Whip	40-50	0 dBd / 2 dBi	NMO40C	Loaded 1/4 Wave, Black Coil/Chrome Whip	Order Separately	N/A
Whip	40-50	0 dBd / 2 dBi	NMO40BK	Loaded 1/4 Wave, Black Coil/Whip	17' RG-58A/U	PL-259
Whip	40-50	0 dBd / 2 dBi	NMO40CK	Loaded 1/4 Wave, Black Coil/Chrome Whip	17' RG-58A/U	PL-259
Whip	47-54	0 dBd / 2 dBi	NMO50B	Loaded 1/4 Wave, Black Coil/ Whip	Order Separately	N/A
Whip	47-54	0 dBd / 2 dBi	NMO50C	Loaded 1/4 Wave, Black Coil/Chrome Whip	Order Separately	N/A
Whip	47-54	0 dBd / 2 dBi	NMO50CK	Loaded 1/4 Wave, Black Coil/Chrome Whip	17' RG-58A/U	PL-259
Whip	52-88	0 dBd / 2 dBi	NMOQ52C	Field Tunable 1/4 Wave, Black Coil/ Chrome Whip	Order Separately	N/A
Whip	88-136	0 dBd / 2 dBi	NMOQ88C	Field Tunable 1/4 Wave, Black Coil/ Chrome Whip	Order Separately	N/A
Whip Wide Band	40-50	Unity / 2.14 dBi	NMOWB40C`	Loaded 1/4 Wave, Black Coil/Chrome Whip	Order Separately	N/A

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS NMO MOUNT PRODUCT MATRIX

VHF (136-174 MHz)

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Multi Band Whip	150-165 / 450-470 / 806-940	2.14 dBi	NMO150/450/800	NMO Tri Band, Black Base/Whip	Order Separately	N/A
Dual Band Whip	150-154 / 450-460	1.6 dB / 3.8 dB	NMO150/450C	NMO Dual Band, Black Base/Chrome Whip	Order Separately	N/A
Dual Band Whip	150-154 / 450-460	1.6 dB / 3.8 dB	NMO150/450CK	NMO Dual Band, Black Base/Chrome Whip	17' RG-58A/U	PL-259
Low Profile	151.02-152.98	0 dBd / 2 dBi	LP152NMO	Black, 3.75" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	156.38-158.62	0 dBd / 2 dBi	LP158NMO	Black, 3.75" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	158.33-160.67	0 dBd / 2 dBi	LP160NMO	Black, 3.75" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	160.29-162.71	0 dBd / 2 dBi	LP162NMO	Black, 3.75" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	162.75-165.25	0 dBd / 2 dBi	LP164NMO	Black, 3.75" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	165.21-167.79	0 dBd / 2 dBi	LP167NMO	Black, 3.75" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	167.88-170.32	0 dBd / 2 dBi	LP169NMO	Black, 3.75" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	170.16-172.84	0 dBd / 2 dBi	LP171NMO	Black, 3.75" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	172.14-174.86	0 dBd / 2 dBi	LP174NMO	Black, 3.75" Tall, 4.5" Diameter	Order Separately	N/A
Whip	144-174	3 dBd / 5.2 dBi	NMO150B	Field Tunable 5/8 Wave, Black Coil/Whip	Order Separately	N/A
Whip	144-174	3 dBd / 5.2 dBi	NMO150C	Field Tunable 5/8 Wave, Black Coil/Chrome Whip	Order Separately	N/A
Whip	144-174	3 dBd / 5.2 dBi	NMO150U	Field Tunable 5/8 Wave, Black Coil/Unplated Whip	Order Separately	N/A
Whip	144-174	3 dBd / 5.2 dBi	NMO150BK	Field Tunable 5/8 Wave, Black Coil/Whip	17' RG-58A/U	PL-259
Whip	144-174	3 dBd / 5.2 dBi	NMO150CK	Field Tunable 5/8 Wave, Black Coil/Chrome Whip	17' RG-58A/U	PL-259
Whip	144-174	2.5 dBd/4.5 dBi w/ground plane	NMO150BHW	Field Tunable 1/2 Wave, Black Coil/Whip	Order Separately	N/A
Whip	144-174	2.5 dBd/4.5 dBi w/ground plane	NMO150CHW	Field Tunable 1/2 Wave, Black Coil/Chrome Whip	Order Separately	N/A
Whip	144-152	0 dBd / 2 dBi	NMOQW144	1/4 Wave Chrome Nut/Whip	Order Separately	N/A
Whip	152-162	0 dBd / 2 dBi	NMOQW152	1/4 Wave Chrome Nut/Whip	Order Separately	N/A
Whip	150-165	0 dBd / 2 dBi	NMOU150D	Cellular Look Alike Disguise Antenna, Loaded 1/4 Wave, Black Coil/Whip	Order Separately	N/A
Whip	155-170	0 dBd / 2 dBi	NMOU155D	Cellular Look Alike Disguise Antenna, Loaded 1/4 Wave, Black Coil/Whip	Order Separately	N/A
Whip	135-174	2.5 dBd/4.5 dBi w/ground plane	NMOWB150B	Black Wide Band Coil, Black Field Tunable Whip	Order Separately	N/A
Whip	135-174	2.5 dBd/4.5 dBi w/ground plane	NMOWB150C	Black Wide Band Coil, Chrome Field Tunable Whip	Order Separately	N/A
Whip	135-174	2.5 dBd/4.5 dBi w/ground plane	NMOWB150CK	Black Wide Band Coil, Black Field Tunable Whip	17' RG-58A/U	PL-259
Whip	150-170	0 dBd / 2 dBi	NMOWBQB	Wideband 1/4 Wave, Black Coil/Whip	Order Separately	N/A
Whip	150-170	0 dBd / 2 dBi	NMOWBQC	Wideband 1/4 Wave, Black Coil/Chrome Whip	Order Separately	N/A
Whip	150-170	0 dBd / 2 dBi	NMOWBQCK	Wideband 1/4 Wave, Black Coil/Chrome Whip	17' RG-58A/U	PL-259

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS NMO MOUNT PRODUCT MATRIX

UHF (406-512 MHz)

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Low Profile	406-420	0 dBd / 2 dBi	LP406NMO	Black, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	406-420	0 dBd / 2 dBi	LP406NMOW	White, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	416-430	0 dBd / 2 dBi	LP420NMO	Black, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	416-430	0 dBd / 2 dBi	LP420NMOW	White, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	450-470	0 dBd / 2 dBi	LP450NMO	Black, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	450-470	0 dBd / 2 dBi	LP450MMOW	White, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	470-490	0 dBd / 2 dBi	LP470NMO	Black, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	470-490	0 dBd / 2 dBi	LP470NMOW	White, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	490-512	0 dBd / 2 dBi	LP490NMO	Black, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile	490-512	0 dBd / 2 dBi	LP490NMOW	White, 1.5" Tall, 4.5" Diameter	Order Separately	N/A
Low Profile Transit	450-470	0 dBd / 2 dBi	LPT450NMO	Black, 4.5" Tall	Order Separately	N/A
Whip	406-430	3 dBd / 5.2 dBi	NMO4063CS	Base Loaded 5/8 Wave with Integrated Spring, Max Height 19"	Order Separately	N/A
Whip	430-450	3 dBd / 5.2 dBi	NMO4303CS	Base Loaded 5/8 Wave with Integrated Spring, Max Height 19"	Order Separately	N/A
Whip	450-470	3 dBd / 5.2 dBi	NMO4503CS	Base Loaded 5/8 Wave with Integrated Spring, Max Height 19"	Order Separately	N/A
Whip	470-490	3 dBd / 5.2 dBi	NMO4703CS	Base Loaded 5/8 Wave with Integrated Spring, Max Height 19"	Order Separately	N/A
Whip	490-512	3 dBd / 5.2 dBi	NMO4903CS	Base Loaded 5/8 Wave with Integrated Spring, Max Height 19"	Order Separately	N/A
Whip	406-420	3.4 dBd/5.6 dBi	NMO406C	Field Tunable 5/8 over 1/2 Wave, Black Base, Chrome Whip, Max Height 33"	Order Separately	N/A
Whip	420-440	3.4 dBd/5.6 dBi	NMO420C	Field Tunable 5/8 over 1/2 Wave, Black Base, Chrome Whip, Max Height 33"	Order Separately	N/A
Whip	440-460	3.4 dBd/5.6 dBi	NMO440C	Field Tunable 5/8 over 1/2 Wave, Black Base, Chrome Whip, Max Height 33"	Order Separately	N/A
Whip	450-470	3.4 dBd/5.6 dBi	NMO450C	Field Tunable 5/8 over 1/2 Wave, Black Base, Chrome Whip, Max Height 33"	Order Separately	N/A
Whip	470-490	3.4 dBd/5.6 dBi	NMO470C	Field Tunable 5/8 over 1/2 Wave, Black Base, Chrome Whip, Max Height 33"	Order Separately	N/A
Whip	490-512	3.4 dBd/5.6 dBi	NMO490C	Field Tunable 5/8 over 1/2 Wave, Black Base, Chrome Whip, Max Height 33"	Order Separately	N/A
Whip	450-470	3.4 dBd/5.6 dBi	NMO450CK	Field Tunable 5/8 over 1/2 Wave, Black Base, Chrome Whip, Max Height 33"	17' RG-58A/U	PL-259
Whip	406-420	5.5 dBd/7.6 dBi	NMO406CHW	Field Tunable 1/2 Wave, Black Coil/Whip, Max Height 35.5"	Order Separately	N/A
Whip	420-440	5.5 dBd/7.6 dBi	NMO420CHW	Field Tunable 1/2 Wave, Black Coil/Whip, Max Height 35.5"	Order Separately	N/A
Whip	440-460	5.5 dBd/7.6 dBi	NMO440CHW	Field Tunable 1/2 Wave, Black Coil/Whip, Max Height 35.5"	Order Separately	N/A
Whip	450-470	5.5 dBd/7.6 dBi	NMO450CHW	Field Tunable 1/2 Wave, Black Coil/Whip, Max Height 35.5"	Order Separately	N/A
Whip	470-490	5.5 dBd/7.6 dBi	NMO470CHW	Field Tunable 1/2 Wave, Black Coil/Whip, Max Height 35.5"	Order Separately	N/A
Whip	406-430	0 dBd / 2 dBi	NMOQW406	Factory Tuned 1/4 Wave, Chrome Nut, Max Height 21"	Order Separately	N/A

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS NMO MOUNT PRODUCT MATRIX

UHF (406-512 MHz) - continued

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Whip	450-470	0 dBd / 2 dBi	NMOQW450	Factory Tuned 1/4 Wave, Chrome Nut, Max Height 21"	Order Separately	N/A
Whip	406-430	3.5 dBd/5.5 dBi	NMOWB406C	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	Order Separately	N/A
Whip	430-455	3.5 dBd/5.5 dBi	NMOWB430C	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	Order Separately	N/A
Whip	450-475	3.5 dBd/5.5 dBi	NMOWB450C	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	Order Separately	N/A
Whip	470-495	3.5 dBd/5.5 dBi	NMOWB470C	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	Order Separately	N/A
Whip	490-515	3.5 dBd/5.5 dBi	NMOWB490C	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	Order Separately	N/A
Whip	406-430	3.5 dBd/5.5 dBi	NMOWB406CK	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	17' RG-58A/U	PL-259
Whip	430-455	3.5 dBd/5.5 dBi	NMOWB430CK	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	17' RG-58A/U	PL-259
Whip	450-475	3.5 dBd/5.5 dBi	NMOWB450CK	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	17' RG-58A/U	PL-259
Whip	470-495	3.5 dBd/5.5 dBi	NMOWB470CK	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	17' RG-58A/U	PL-259
Whip	490-515	3.5 dBd/5.5 dBi	NMOWB490CK	Factory Tuned Wide Band, Black Coil, Chrome Whip, Max Height 35.5"	17' RG-58A/U	PL-259

VHF/UHF Multi Band

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Whip	144-148/440-450	VHF 1.6 dBd/3.8 dBi UHF 3.5 dBd/5.2 dBi	NMO2/70B	Dual Band Factory Tuned, Black Coil/Whip, Max Height 34.5"	Order Separately	N/A
Whip	144-148/440-450	VHF 1.6 dBd/3.8 dBi UHF 3.5 dBd/5.2 dBi	NMO2/70BK	Dual Band Factory Tuned, Black Coil/Whip, Max Height 34.5"	17' RG-58A/U	PL-259
Whip	144-148/440-450	VHF 0 dBd/2 dBi UHF 1.8 dBd/4 dBi	NMO2/70SH	Dual Band Factory Tuned, Black Coil, Chrome Whip and Spring, Max Height 19"	Order Separately	N/A
Whip	150-154/450-460	VHF 1.6 dBd/3.8 dBi UHF 3.5 dBd/5.2 dBi	NMO150/450C	Dual Band Factory Tuned, Black Coil, Chrome Whip, Max Height 37.5"	Order Separately	N/A
Whip	150-154/450-460	VHF 1.6 dBd/3.8 dBi UHF 3.5 dBd/5.2 dBi	NMO150/450/800	Tri Band, Black Base/Whip, Max Height 16.5"	Order Separately	N/A

Tunable 1/4 Wave (136-512 MHz)

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Whip	136-960	0 dBd / 2 dBi	NMOQSPEC	Field Tunable 1/4 Wave, Chrome Nut, Max Height 22"	Order Separately	N/A
Whip	136-960	0 dBd / 2 dBi	NMOQSPECB	Field Tunable 1/4 Wave, Black Nut/Whip, Max Height 22"	Order Separately	N/A
Whip	136-512	0 dBd / 2 dBi	NMOQC	Field Tunable 1/4 Wave, Black Base, Chrome Whip, Max Height 23"	Order Separately	N/A
Whip	136-512	0 dBd / 2 dBi	NMOQB	Field Tunable 1/4 Wave, Black Base/Whip, Max Height 23"	Order Separately	N/A

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS NMO MOUNT PRODUCT MATRIX

Cellular, SMR, Data 700/800/900 MHz

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Low Profile	806-960	0 dBd / 2 dBi	LP800NMO	Black Low Profile for SMR, Cellular or Data Applications	Order Separately	N/A
Low Profile	806-960	0 dBd / 2 dBi	LP800NMOW	White Low Profile for SMR, Cellular or Data Applications	Order Separately	N/A
Low Profile Transit	740-866	0 dBd / 2 dBi	LPT700/800NMO	Black Transit Style for SMR, Cellular or Data Applications, Requires 12" Dia Ground Plane	Order Separately	N/A
Low Profile Transit	806-960	0 dBd / 2 dBi	LPT800/900NMO	Black Transit Style for SMR, Cellular or Data Applications, Requires 12" Dia Ground Plane	Order Separately	N/A
Whip	740-806	0 dBd / 2 dBi	NMOQW700	Factory Tuned 1/4 Wave, Chrome Nut/Whip, Max Height 3"	Order Separately	N/A
Whip	806-896	0 dBd / 2 dBi	NMOQW800	Factory Tuned 1/4 Wave, Chrome Nut/Whip, Max Height 3"	Order Separately	N/A
Whip	890-970	0 dBd / 2 dBi	NMOQW900	Factory Tuned 1/4 Wave, Chrome Nut/Whip, Max Height 3"	Order Separately	N/A
Whip	806-896	0 dBd / 2 dBi	NMOQSPEC800B	Factory Tuned 1/4 Wave, Black Nut/Whip, Max Height 3"	Order Separately	N/A
Whip	890-970	0 dBd / 2 dBi	NMOQSPEC900B	Factory Tuned 1/4 Wave, Black Nut/Whip, Max Height 3"	Order Separately	N/A
Whip	740-806	0 dBd / 2 dBi	NMOQ700B	Factory Tuned 1/4 Wave, Black Base/Whip, Max Height 4.5"	Order Separately	N/A
Whip	806-896	0 dBd / 2 dBi	NMOQ800B	Factory Tuned 1/4 Wave, Black Base/Whip, Max Height 4.5"	Order Separately	N/A
Whip	890-960	0 dBd / 2 dBi	NMOQ900B	Factory Tuned 1/4 Wave, Black Base/Whip, Max Height 4.5"	Order Separately	N/A
Whip	806-866	0 dBd / 2 dBi	NMOSPEC800	Factory Tuned, Open Coil, Chrome Nut/Whip, Max Height 13.5"	Order Separately	N/A
Whip	824-896	0 dBd / 2 dBi	NMOSPEC825	Factory Tuned, Open Coil, Chrome Nut/Whip, Max Height 13.5"	Order Separately	N/A
Whip	890-960	0 dBd / 2 dBi	NMOSPEC900	Factory Tuned, Open Coil, Chrome Nut/Whip, Max Height 13.5"	Order Separately	N/A
Whip	806-866	3.2 dBd/5.4 dBi	NMO3HD800B	Factory Tuned Heavy Duty, Black Base/Whip, Max Height 13.75"	Order Separately	N/A
Whip	824-896	3.2 dBd/5.4 dBi	NMO3HD825B	Factory Tuned Heavy Duty, Black Base/Whip, Max Height 13.75"	Order Separately	N/A
Whip	890-960	3.2 dBd/5.4 dBi	NMO3HE900B	Factory Tuned Heavy Duty, Black Base/Whip, Max Height 13.75"	Order Separately	N/A
Whip	740-806	3.2 dBd/5.4 dBi	NMO3E700B	Factory Tuned, Enclosed Coil, Black Base/Whip, Max Height 13.5"	Order Separately	N/A
Whip	806-866	3.2 dBd/5.4 dBi	NMO3E800B	Factory Tuned, Enclosed Coil, Black Base/Whip, Max Height 13.5"	Order Separately	N/A
Whip	824-896	3.2 dBd/5.4 dBi	NMO3E825B	Factory Tuned, Enclosed Coil, Black Base/Whip, Max Height 13.5"	Order Separately	N/A
Whip	890-960	3.2 dBd/5.4 dBi	NMO3E900B	Factory Tuned, Enclosed Coil, Black Base/Whip, Max Height 13.5"	Order Separately	N/A
Whip	806-866	3.2 dBd/5.4 dBi	NMO3E800BMPL	Factory Tuned, Enclosed Coil, Black Base/Whip, Max Height 13.5"	17' RG-58A/U Dual Shield	MPL
Whip	806-866	3.2 dBd/5.4 dBi	NMO3E800BTNC	Factory Tuned, Enclosed Coil, Black Base/Whip, Max Height 13.5"	17' RG-58A/U Dual Shield	TNC

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS

NMO MOUNT PRODUCT MATRIX

Cellular, SMR, Data 700/800/900 MHz - continued

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Whip	824-896	3.2 dBd/5.4 dBi	NMO3E825BMPL	Factory Tuned, Enclosed Coil, Black Base/Whip, Max Height 13.5"	17' RG-58A/U Dual Shield	MPL
Whip	824-896	3.2 dBd/5.4 dBi	NMO3E825BTNC	Factory Tuned, Enclosed Coil, Black Base/Whip, Max Height 13.5"	17' RG-58A/U Dual Shield	TNC
Whip	740-806	3.4 dBd/5.6 dBi	NMO700	Factory Tuned, Enclosed Coil, Black Base, Chrome Whip, Max Height 12.75"	Order Separately	N/A
Whip	806-866	3.4 dBd/5.6 dBi	NMO800	Factory Tuned, Enclosed Coil, Black Base, Chrome Whip, Max Height 12.75"	Order Separately	N/A
Whip	824-896	3.4 dBd/5.6 dBi	NMO825	Factory Tuned, Enclosed Coil, Black Base, Chrome Whip, Max Height 12.75"	Order Separately	N/A
Whip	890-960	3.4 dBd/5.6 dBi	NMO900	Factory Tuned, Enclosed Coil, Black Base, Chrome Whip, Max Height 12.75"	Order Separately	N/A
Whip	806-866	3.4 dBd/5.6 dBi	NMO800B	Factory Tuned, Enclosed Coil, Black Base, Chrome Whip, Max Height 12.75"	Order Separately	N/A
Whip	824-896	3.4 dBd/5.6 dBi	NMO825B	Factory Tuned, Enclosed Coil, Black Base, Chrome Whip, Max Height 12.75"	Order Separately	N/A
Whip	890-960	3.4 dBd/5.6 dBi	NMO900B	Factory Tuned, Enclosed Coil, Black Base, Chrome Whip, Max Height 12.75"	Order Separately	N/A
Whip	806-866	3.4 dBd/5.6 dBi	NMO5T800B	Factory Tuned, Twin Open Coil, Black Base/Whip, Max Height 18"	Order Separately	N/A
Whip	824-896	3.4 dBd/5.6 dBi	NMO5T825B	Factory Tuned, Twin Open Coil, Black Base/Whip, Max Height 18"	Order Separately	N/A
Whip	890-960	3.4 dBd/5.6 dBi	NMO5T900B	Factory Tuned, Twin Open Coil, Black Base/Whip, Max Height 18"	Order Separately	N/A
Whip	824-896	3.4 dBd/5.6 dBi	NMO5E825B	Factory Tuned, Twin Enclosed Coil, Black Base/Whip, Max Height 19"	Order Separately	N/A
Whip	890-960	3.4 dBd/5.6 dBi	NMO5E900B	Factory Tuned, Twin Enclosed Coil, Black Base/Whip, Max Height 19"	Order Separately	N/A
Low Profile	806-960/ 1710-1990/2400	3 dBi/4dBi/3 dBi	LPT825/19NMOHF	Black Low Profile Transit Style, Requires NMOHF Mount	Order Separately	N/A
Whip	824-960/ 1850-1990	4 dBi / 4 dBi	NMOC/P3E	Black Factory Tuned 5/8 Over 1/4 Wave, Max Height 4.75"	Order Separately	N/A
Whip	824-960/ 1850-1990	4 dBi / 4 dBi	NMOC/P3EUD	Black Factory Tuned 5/8 Over 1/4 Wave, Max Height 4.75"	17' RG-58/U Low Loss Dual Shield	No Conn
Whip	824-960/ 1850-1990	4 dBi / 4 dBi	NMOC/P3EUDFME	Black Factory Tuned 5/8 Over 1/4 Wave, Max Height 4.75"	17' RG-58/U Low Loss Dual Shield	FME
Whip	824-960/ 1850-1990	4 dBi / 4 dBi	NMOC/P3EUDMPL	Black Factory Tuned 5/8 Over 1/4 Wave, Max Height 4.75"	17' RG-58/U Low Loss Dual Shield	MPL

Cellular / PCS Multi Band

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Whip	824-960/1850-1990	4 dBi / 4 dBi	NMOC/P3EUDSMA	Black Factory Tuned 5/8 Over 1/4 Wave, Max Height 4.75"	17' RG-58/U Low Loss Dual Shield	SMA
Whip	824-960/1850-1990	4 dBi / 4 dBi	NMOC/P3EUDTNC	Black Factory Tuned 5/8 Over 1/4 Wave, Max Height 4.75"	17' RG-58/U Low Loss Dual Shield	TNC

LAREN PUBLIC SAFETY MOBILE APPLICATIONS NMO MOUNT PRODUCT MATRIX

GPS

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Connector
GPS	1575.4	5 dBic/28 ± 2 dB LNA	GPSNMO01	White, 3" Diameter, 1.3" High	Order Separately	N/A
GPS	1575.4	5 dBic/28 ± 2 dB LNA	GPSNMO02	Black, 3" Diameter, 1.3" High	Order Separately	N/A
GPS	1575.4	5 dBic/28 ± 2 dB LNA	GPSNMO07	White, 3" Diameter, 1.3" High	Order Separately	N/A
GPS	1575.4	5 dBic/28 ± 2 dB LNA	GPSNMO08	Black, 3" Diameter, 1.3" High	Order Separately	N/A
GPS	1575.4	5 dBic/28 ± 2 dB LNA	GPSNMO09	White, 3" Diameter, 1.3" High	Order Separately	N/A
GPS	1575.4	5 dBic/28 ± 2 dB LNA	GPSNMO10	Black, 3" Diameter, 1.3" High	Order Separately	N/A
GPS	1575.4	5 dBic/28 ± 2 dB LNA	GPSNMO11	White, 3" Diameter, 1.3" High	Order Separately	N/A
GPS	1575.4	5 dBic/28 ± 2 dB LNA	GPSNMO12	Black, 3" Diameter, 1.3" High	Order Separately	N/A

Broadband Mobile

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Conn
Low Profile Transit Multi Band	806-960/ 1710-1990/2400	3 dBi / 4 dBi	LPT825/19NMOHF	Black, Requires NMOHF Mount	Order Separately	N/A
Low Profile Transit	2400-2500	2 dBi	LPT2400NMOHF	Black, Requires NMOHF Mount	Order Separately	N/A
Elevated Feed	2400-2500	5 dBi (with ground plane)	EF2405NMO	Black, Feed Point 5.25" Above Mounting Surface, Requires NMOHF Mount, Max Height 13"	Order Separately	N/A
Elevated Feed	4900-5000	5 dBi (with ground plane)	EF4905NMO	Black, Feed Point 6" Above Mounting Surface, Requires NMOHF Mount, Max Height 10"	Order Separately	N/A
Whip	2400-2500	5 dBi	NMO5E2400B	Black Over-Molded Coil and Base, Requires NMOHF Mount, Max Height 8.54"	Order Separately	N/A
Whip	2400-2500	5 dBi	NMO5E2400BK	Black Over-Molded Coil and Base, Requires NMOHF Mount, Max Height 8.54"	17' RG-58/U Dual Shield	No Conn
Whip	2400-2500	5 dBi	NMO5E2400BKSMA	Black Over-Molded Coil and Base, Requires NMOHF Mount, Max Height 8.54"	17' RG-58/U Dual Shield	SMA
Whip	2400-2500	5 dBi	NMO5E2400BKTNC	Black Over-Molded Coil and Base, Required NMOHF Mount, Max Height 8.54"	17' RG-58/U Dual Shield	TNC
Whip	4900-5350	4 dBi	NMO4E4900B	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	Order Separately	N/A
Whip	4900-5350	4 dBi	NMO4E4900BK	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	12' SHF-142 (RG-58/U Type)	No Conn
Whip	4900-5350	4 dBi	NMO4E4900BKSMA	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	12' SHF-142 (RG-58/U Type)	SMA
Whip	4900-5350	4 dBi	NMO4E4900BKTNC	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	12' SHF-142 (RG-58/U Type)	TNC
Whip	5350-5925	3 dBi	NMO4E5350B	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	Order Separately	N/A
Whip	5350-5925	3 dBi	NMO4E5350BK	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	12' SHF-142 (RG-58/U Type)	No Conn
Whip	5350-5925	3 dBi	NMO4E5350BKSMA	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	12' SHF-142 (RG-58/U Type)	SMA
Whip	5350-5925	3 dBi	NMO4E5350BKTNC	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	12' SHF-142 (RG-58/U Type)	TNC

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS

NMO MOUNT PRODUCT MATRIX

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

NMO MOUNT 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

NMO MOUNT 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

NMO MOUNT 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