

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS GPS PRODUCT MATRIX

Direct Mount

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Connector
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSDM02	5/8" Hole	17' RG-174	MCX
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSDM04	5/8" Hole	17' RG-174	MMCX
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSDM06	5/8" Hole	17' RG-174	SMB
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSDM08	5/8" Hole	17' RG-174	SMA
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSDM12	5/8" Hole	17' RG-174	No Conn
GPS Dual Band	806-896 / 1575.4	5 dBi / 5 dBic	GPSCW3E8001	Combi Whip, 5/8" Hole	16'4" RG-174	SMA/SMA
GPS Dual Band	806-896 / 1575.4	5 dBi / 5 dBic	GPSCW3E8002	Combi Whip, 5/8" Hole	16'4" RG-174	SMA/SMB
GPS Dual Band	806-896 / 1575.4	5 dBi / 5 dBic	GPSCW3E8003	Combi Whip, 5/8" Hole	16'4" RG-174	FME/SMA
GPS Dual Band	806-896 / 1575.4	5 dBi / 5 dBic	GPSCW3E8004	Combi Whip, 5/8" Hole	16'4" RG-174	TNC/SMA
GPS Dual Band	806-896 / 1575.4	5 dBi / 5 dBic	GPSCW3E9001	Combi Whip, 5/8" Hole	16'4" RG-174	SMA/SMA
GPS Dual Band	806-896 / 1575.4	5 dBi / 5 dBic	GPSCW3E9002	Combi Whip, 5/8" Hole	16'4" RG-174	SMA/SMB
GPS Dual Band	136-174 / 1575.42	2.14 dBi / 5 dBic	GPSCW1502	Combi Whip, 5/8" Hole	16'4" RG-174	SMA/SMB
GPS Dual Band	406-215 / 1575.42	2.14 dBi / 5 dBic	GPSCW4501	Combi Whip, 5/8" Hole	16'4" RG-174	SMA/SMA
GPS Dual Band	406-215 / 1575.42	2.14 dBi / 5 dBic	GPSCW4502	Combi Whip, 5/8" Hole	16'4" RG-174	SMA/SMB
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP00	Black Triband, 3/4" Hole	16'1" RG-174	TNC/SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP01	White Triband, 3/4" Hole	16'1" RG-174	No Conn
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP02	Black Triband, 3/4" Hole	16'1" RG-174	No Conn/ SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP03	White Triband, 3/4" Hole	16'1" RG-174	No Conn/ SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP04	Black Triband, 3/4" Hole	16'1" RG-174	No Conn/ SMB
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP05	White Triband, 3/4" Hole	16'1" RG-174	No Conn/ SMB
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP06	Black Triband, 3/4" Hole	16'1" RG-174	SMA/SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP07	White Triband, 3/4" Hole	16'1" RG-174	SMA/SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP08	Black Triband, 3/4" Hole	16'1" RG-174	MPL/SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP09	White Triband, 3/4" Hole	16'1" RG-174	MPL/SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCP10	Black Triband, 3/4" Hole	16'1" RG-174	TNC/BNC
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCWCP00	Roof Mount Tri Band, 3/4" Hole	16' RG-174	TNC/SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCWCP01	Roof Mount Tri Band, 3/4" Hole	16' RG-174	No Conn/ SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCWCP02	Roof Mount Tri Band, 3/4" Hole	16' RG-174	No Conn/ SMB
GPS Multi Band	824-960 / 1710-2170 / 1575.42	2 dBi / 2 dBi / 5 dBic	GPSCWCP03	Roof Mount Tri Band, 3/4" Hole	16' RG-174	SMA/MPL
GPS Multi Band	824-960 / 1710-2170 / 1575.42	2 dBi / 2 dBi / 5 dBic	GPSCWCP04	Roof Mount Tri Band, 3/4" Hole	16' RG-174	SMA/SMA

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS

GPS PRODUCT MATRIX

Magnetic Mount

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Connector
GPS Single Band	1575.4	5 dB / 26 ± 2dB (LNA)	GPS0002	Black Active GPS	17' RG-58	MCX
GPS Single Band	1575.4	5 dB / 26 ± 2dB (LNA)	GPS0004	Black Active GPS	17' RG-58	MMCX
GPS Single Band	1575.4	5 dB / 26 ± 2dB (LNA)	GPS0006	Black Active GPS	17' RG-58	SMB
GPS Single Band	1575.4	5 dB / 26 ± 2dB (LNA)	GPS0008	Black Active GPS	17' RG-58	No Conn
GPS Single Band	1575.4	5 dB / 26 ± 2dB (LNA)	GPS0010	Black Active GPS	17' RG-58	SMA Male
GPS Single Band	1575.4	5 dB / 26 ± 2dB (LNA)	GPS0012	Black Active GPS	17' RG-58	BNC
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCPM00	Cellular/PCS/GPS	16' RG-174	TNC/SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCPM02	Cellular/PCS/GPS	16' RG-174	No Conn/ SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSCPM12	Cellular/PCS/GPS	16' RG-174	TNC/TNC

Glass Mount

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Connector
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSSGM01	Glass Mount, Double Sided Tape	17' RG-174	MCX
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSSGM02	Glass Mount, Double Sided Tape	17' RG-174	MMCX
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSSGM03	Glass Mount, Double Sided Tape	17' RG-174	SMB
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSSGM04	Glass Mount, Double Sided Tape	17' RG-174	SMA
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSSGM05	Glass Mount, Double Sided Tape	17' RG-174	BNC
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSSCPGM01	On Glass Cellular/PCS/GPS	16' RG-174	No Conn/ SMA
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSSCPGM02	On Glass Cellular/PCS/GPS	16' RG-174	No Conn/ SMB
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSSCPGM03	On Glass Cellular/PCS/GPS	16' RG-174	SMA/MPL
GPS Multi Band	824-960 / 1710-2170 / 1575.4	2 dBi / 2 dBi / 5 dBic	GPSSCPGM04	On Glass Cellular/PCS/GPS	16' RG-174	SMA/SMA

Miscellaneous GPS

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Connector
GPS Single Band	1575.4	0 dBi / 26 ± 2 dB (LNA)	GPSMO02	Shrink Wrap GPS Module	12' RG-174	SMB
GPS Single Band	1575.4	0 dBi / 26 ± 2 dB (LNA)	GPSMO03	Shrink Wrap GPS Module	12' RG-174	SMA
GPS Single Band	1575.4	25 ± 2 dB (LNA)	GPS0015	White GPS Timing Antenna with Mounting Hardware	N/A	N Female

LARSEN PUBLIC SAFETY MOBILE APPLICATIONS GPS PRODUCT MATRIX

NMO Mount

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Black Coax	Connector
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSNMO01	White NMO Mount	N/A	N/A
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSNMO02	Black NMO Mount	N/A	N/A
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSNMO07	White NMO Mount	17' UD	SMB
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSNMO08	Black NMO Mount	17' UD	SMB
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSNMO09	White NMO Mount	17' UD	SMA
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSNMO10	Black NMO Mount	17' UD	SMA
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSNMO11	White NMO Mount	17' UD	BNC
GPS Single Band	1575.4	5 dBic / 28 ± 2 dB (LNA)	GPSNMO12	Black NMO Mount	17' UD	BNC

Cable Kits for NMO Mounts

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