

NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable



Antennas Technical Data Sheet

Features

- · Low-Profile aesthetics for reduced visibility
- 195 NMO mount
- UV Stabalized, High Impact Xenoy™ housing
- Integrated GPS Antenna

Applications

- · Service vehicles
- Public Safety

- Rugged aluminum die cast base for high strength mechanical mounting and reliability
- Silicone Rubber gasket and dual O-ring seals for waterproof, high pressure car wash(IP66) applications
- Public Transportation
- Mining & Construction

Description

This NMO combination mount with an integrated GPS antenna is ideally suited for multipoint mobile applications including service vehicles, public transportation, public safety, mining and construction vehicles, as well numerous other commercial and industrial applications where mobility and wide coverage is desired. The mount allows the user to mount any NMO-mount antenna of choice.

Configuration

onnguration	
Design	GPS Vehicular
Band Type	Single
Cable Type	LL195
Cable Length	204 in [518.16 cm]
Connector Type	NMO Mount
Interface 2	SMA Plug
Housing Material and Plating	Black

Electrical Specifications

Minimum	Typical	Maximum	Units
	1575.42 ±3		MHz
		2:1	
		2:1	
	50		Ohms
	30		dB
		10	Watts
3		5.5	Volts
6		20	mA
	SAW		
35			dB
45			dB
	3 6 35	1575.42 ±3 50 30 3 6 SAW 35	1575.42 ±3 2:1 2:1 50 30 10 3 5.5 6 20 SAW 35

NMO Mount Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Cable Type		LL195		

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable PE51GPS1001

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pasternack.com

• Techsupport@Pasternack.com

PE51GPS1001





NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable

Antennas Technical Data Sheet

PE51GPS1001

30 to 100	MHz
50	Ohms
1.5	
2	dB
150	W
	50 1.5 2

Passive Element Specifications

Description	Minimum	Typical	Maximum	Units
Center Frequency Band		1.5754		GHz
Impedance		50		Ohms
Antenna VSWR			1.5	
Polarization		RHCP		

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable PE51GPS1001

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (868) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pastemack.com + Techsupport@Pastemack.com



Antennas Technical Data Sheet

NMO Mount/SMA Connectors LL195 cable

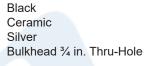
PE51GPS1001

Mechanical Specifications

NMO Mount Combo 30 dB GPS Vehicular Antenna

Housing Plating/Color Radiator Material Radiator Finish Mounting Application

Size Overall Length Width Height Color



4.5 in [114.3 mm] 2.2 in [55.88 mm] 0.88 in [22.35 mm] Black

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable PE51GPS1001

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (868) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pastemack.com + Techsupport@Pastemack.com

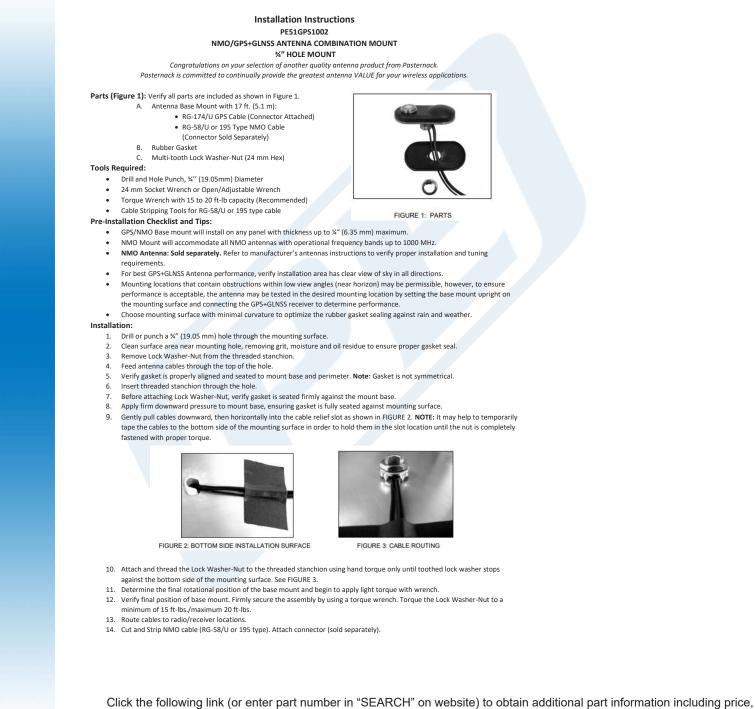


NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable



Antennas Technical Data Sheet

PE51GPS1001



inventory and certifications: NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable PE51GPS1001

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pastemack.com

• Techsupport@Pastemack.com

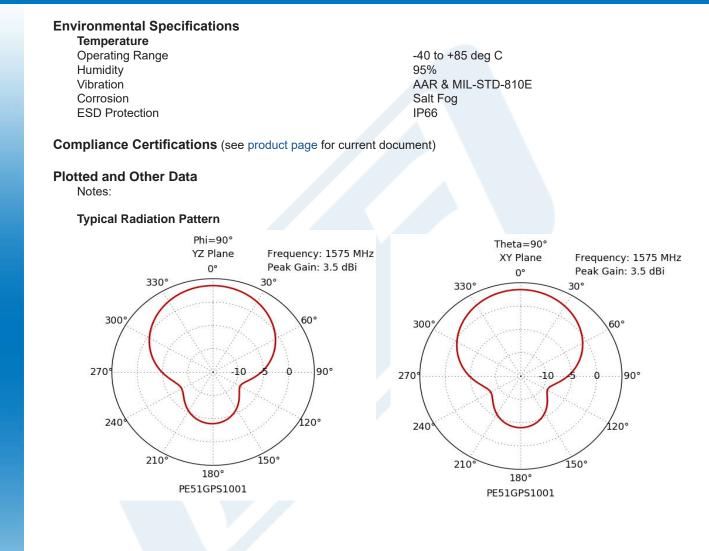




PE51GPS1001

Antennas Technical Data Sheet

PEPPASTERNACK an INFINIT® brand



Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable PE51GPS1001

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (868) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pastemack.com + Techsupport@Pastemack.com



NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable



Antennas Technical Data Sheet

PE51GPS1001

NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

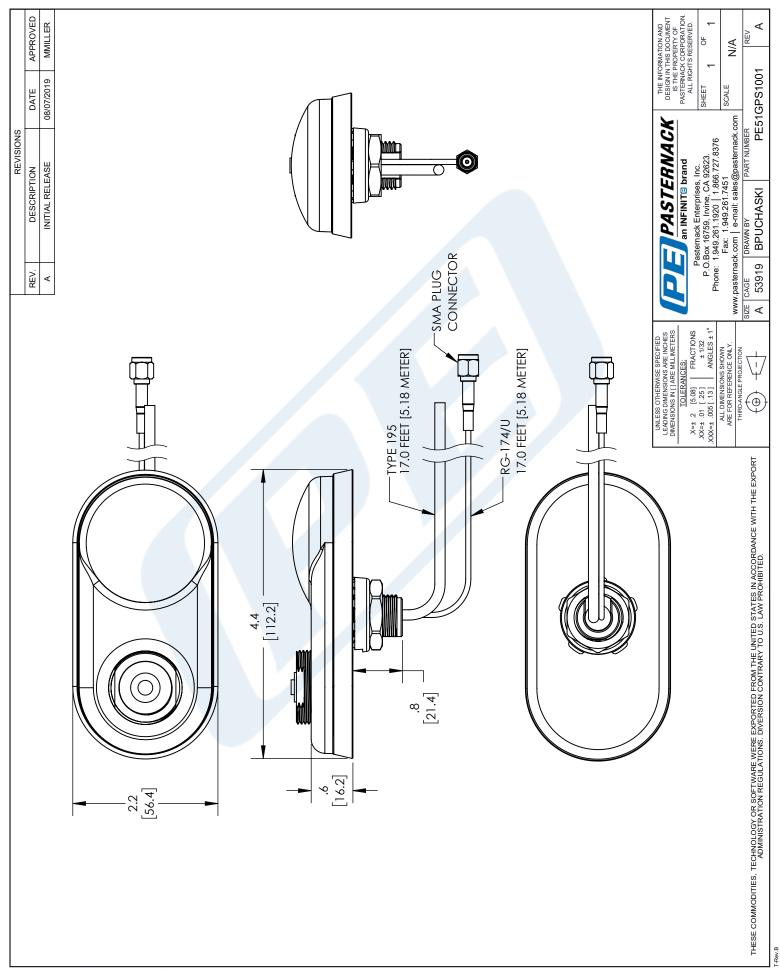
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable PE51GPS1001

URL: https://www.pasternack.com/single-antenna-30-db-gain-nmo-mount-pe51gps1001-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE51GPS1001 CAD Drawing

NMO Mount Combo 30 dB GPS Vehicular Antenna NMO Mount/SMA Connectors LL195 cable



7