18x16x08 UL Listed Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, Kit bundled w/Non-Metallic Blank Mount PLT Gray

NB181608-KIT01

Features

- UL® Listed Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4 / IP66 rated*
- Fully gasketed lid & integral mounting flange
- Includes blank non-metallic starboard mounting plate

Applications

- Remote Wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Rapid Deployment Installations
- Corrosive environments & hotspot applications
- Protection of equipment from theft or damage

Description

The NB181608 enclosure is a rugged, roomy weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from molded fiberglass, it is well suited for high temperature or corrosive environments. The integrated mounting flange allows it to be mounted directly to any flat wall surface provided proper screws are used into secure studs. The enclosure can also be mounted to a wide diameter range of poles with one of our optional pole mounting hardware kits. The fully gasketed lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The enclosure material is UV stabilized and comes in machine tool gray.

This kit is ideal for custom applications, which may require special modifications to the enclosure and mounting plate.

The NB181608 now comes with the UL Listing Mark in every enclosure. Ideal for all construction sites and equipment enclosure applications.

Mounting Plate

The 0.25 inch thick blank Non-Metallic Starboard mounting plate included with the NB181608-KIT01 comes uninstalled and kitted with the enclosure so that you can modify or install as needed.

The HGX-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include HGX-PMT13, HGX-PMT16, HGX-PMT28, HGX-PMT29, HGX-PMT30 & HGX-PMT33

*Note: Any holes or openings you might introduce must be properly sealed to maintain NEMA Type 4 / IP66 rating

Mechanical Specifications

Size

Outer Height	19.5 in	[495.3 mm]
Outer Width	17.5 in	[444.5 mm]
Outer Depth	10 in	[254 mm]
Inner Height	17.7 in	[449.58 mm]
Inner Width	15.7 in	[398.78 mm]
Inner Depth	8.4 in	[213.36 mm]
Weight	19.3 lbs	[8.75 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

Environmental Specifications

Temperature Rating	-50 to +150ºC
NEMA Rating	4
Ingress Protection (IP) Rating	IP66

USA & Canada **+1 (800) 341-5266** | International **+1 (978) 682-6936** | **L-com.com**

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Compliance Certifications

UL Listed	E337864

18x16x08 UL Listed Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, Kit bundled w/Non-Metallic Blank Mount PLT Gray from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as
well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL:https://www.l-com.com/nema-enclosures-18x16x8-inch-weatherproof-nema-4x-enclosure-with-blank-non-metallic-mounting-plate-p.aspx

The information contained within 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 impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

NB181608-KIT01 CAD Drawing

18x16x08 UL Listed Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA
4 Enclosure, Kit bundled w/Non-Metallic Blank Mount PLT Gray

MOUNTING HOLES

18.75 [476.3]

316 SS PADLOCKABLE LATCHES
Ø.375 PADLOCK EYE

4X Ø.32 MOUNTING HOLES

18.7 [476]
17.7 [450]
16.9 [429]
14.9 [378]
15.7 [399]

12.00 [305]
10.00 [254]

MOUNTING PLATE SHIPPED LOOSE W/HARDWARE

304 SS PIANO HINGE

19.3 [491]

7.7 [195]
15.9 [405]
16.7 [425]
0 [0.00]
0 [0.00]

17.3 [440]
8.6 [219]
1.7 [44]

Title Block

REVISION				
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B2	ECO-14985	10/2/2025	Admin	MMARTINEZ

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DESCRIPTION: 18X16X08 UL LISTED FIBERGLASS POLYESTER FRP WEATHERPROOF OUTDOOR IP66 NEMA 4 ENCLOSURE, KIT BUNDLED W/NON-METALLIC BLANK MOUNT PLT GRAY

CAGE CODE: 43321
DRAWN BY: BPUCHASKI
ITEM NO.: NB181608-KIT01
SIZE: A
REV: B2
SCALE: NONE
SHEET: 1 OF 1

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:
X = ± .2 [5]
.XX = ± .02 [0.5]
.XXX = ± .005 [0.13]
FRACTIONS ± 1/32
ANGLES ± 1°

CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
> 60 [1524] ≤ 120 [3048] = +4 [102] / -0
> 120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

LC DS Rev-D4 A size

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