



## LightLink™ OptiNID OPN-500 Optical Demarcation Closure

The OptiNID OPN-500 is an optical demarcation closure designed for use in either indoor or outdoor environments. It is capable of housing up to 6 bulkhead adapters in one 118 LGX® compatible adapter plate and comes equipped with an integrated splice tray, which holds up to 6 single fusion splices. The OPN-500 can be either wall or pole-mounted.

### Features

- Capacity for one 118 LGX® compatible adapter plate
- Keystone adapter plate available
- Weather-resistant thermoplastic alloy
- Self-latching, hinged cover design allows easy access without loose parts
- Self-sealing individual entrance ports prevent water and insects from entering
- Provider override is provided so that technician can override customer lock
- Locations available on front cover for custom logos
- 1/2" or 3/4" conduit fitting, compression cable fittings or grommeted entry ports

### Specifications

PARAMETER	VALUES
Dielectric Strength	Minimum 2500 Vrms for 1 minute
High Temperature Storage/Mold Stress °F (°C)	14 days at 159 (70.55)
Temperature Cycling with Humidity °F (°C)	150 day cycling from 40-140 (4.44-60) with 95% RH
Impact Test °F (°C)	-40 (-40), 5*/lbs. on all external surfaces
Drop Test °F (°C)	-40 (-40), 5* (12.7 cm) onto concrete surface four times
Rain	24 hours at 10 psi
UV Resistance (days exposed)	60 per ASTM-G26-84
Salt Fog (Days Exposed)	60 per ASTM-BLL7-90
Flammability	UL94-5V
Chemical Resistance	30 Days at 100°F and 95% RH Resists chipping and/or cracking when subject to: house paint, wasp spray, sulfuric acid, kerosene and sodium hydroxide
Material	U.L.® listed flame retardant thermoplastic alloy
Dimensions (H x W x D) in. (cm)	6.3 x 7.8 x 2.0 (15.7 x 19.7 x 5.0)
Cable Entrance - diameter	3 x 1/2" NPT (0.875")
Covers	Standard, molded-in snap finger and "F" termination

### Ordering Information

DESCRIPTION	MODEL #	PART #
OptiNID OPN-500 ¾" NPT, Plug, Heyco 3231, LGX 118 Black, 1 x SC/UPC Adapter	OPN-500	DM000550
OptiNID OPN-500 ½" Npt, Plug, Grommet, LGX 118 Black, 1 x SC/APC Adapter	OPN-500	DM000614

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