

### OptiNID™ 500 Optical Demarcation Closure

The OptiNID (OPN) 500 is an optical demarcation closure designed for use in either indoor or outdoor environments. Smaller to suit FTTH demarcation applications and versatile to suit Cat5 or coax connections, the closure is capable of housing up to six bulkhead adapters in one 118 LGX® compatible adapter plate. Equipped with an integrated splice tray, which holds up to six single fusion splices, the OPN-500 can be either wall or pole-mounted for ease of use and accessibility.

#### Features

- 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
- Capacity for one 118 LGX compatible adapter plate
- Keystone adapter plate available
- Provider override for customer lock
- 1/2" or 3/4" NPT conduit fitting, compression cable fittings or grommeted entry ports
- Locations available on front cover for custom logos

#### 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 ft/lbs on all external surfaces
Drop Test °F (°C)	-40 (-40), 5 ft 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	UL® 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

Keystone adapter plate shown with a variety of fiber and copper connector adapters

#### Ordering Information

DESCRIPTION	MODEL NO.	AFL NO.
OptiNID OPN-500 3/4" NPT, Plug, Heyco 3231, LGX 118 Black, 1 x SC/UPC Adapter	OPN-500	DM000550
OptiNID OPN-500 1/2" NPT, Plug, Grommet, LGX 118 Black, 1 x SC/APC Adapter	OPN-500	DM000614