



LightLink™ OptiNID OPN-1224 Optical Demarcation Closure

The OptiNID-1224 is an optical demarcation closure designed for use in either indoor or outdoor environments. It is capable of housing up to 24 bulkhead adapters in two 118 LGX® compatible adapter plates and comes equipped with a splice tray (LL-2425), which holds up to 24 single fusion splices. The OPN-1224 can be either wall or pole-mounted.

Features

- Capacity for up to two 118 LGX® compatible adapter plates
- 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

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 4 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 Subject to:	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)	12.25 x 12 x 5.25 (22.80 x 22.80 x 7.60)
Cable Entrances in. (cm) diameter - Output	5 x 0.625 (1.5)
Cable Entrances in. (cm) diameter - Input	2 x 0.75 (1.5), 1 x 0.250 (0.6) (ground wire)
Covers	Standard - molded-in snap finger and "F" termination

Ordering Information

DESCRIPTION	MODEL #	PART #
OptiNID-1224 optioned for up to two 118 LGX® compatible adapter plates. (includes splice tray, does not include adapters plates or adapters)	OPN-1224	DM000183

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OPN-1224 shown with customer provided cabling, adapter plates and adapters.

Ordering Information – Adapter Plates

DESCRIPTION	LGX 118 - WHITE	LGX 118 - BLACK
Blank Filler Panel	C215503	C215507
SINGLE-MODE (CERAMIC)		
SCU 6-pack simplex	C215602	C215611
SCA 6-pack simplex	C215638	C215644
STU 6-pack simplex	C215962	C215971
STU 12-pack simplex	C223564	C223571
SCU 3-pack duplex (6 fiber)	C215512	C215521
SCU 6-pack duplex (12 fiber)	C219604	C220853
LCU 6-pack duplex (12 fiber)	C215989	C215993
MULTI MODE (METAL)		
SC 6-pack simplex	C215626	C215633
ST 6-pack simplex	C215968	C215975
ST 12-pack simplex	C223567	C223576
SC 3-pack duplex (6 fiber)	C215536	C215543
SC 6-pack duplex (12 fiber)	C220435	C219598
LC 6-pack duplex (12 fiber)	C215998	C216004
MTRJ 6-pack	C216079	C216083

Adapter color: SM = Blue MM=Beige