Amphenol Alden

PULSE-NET® FEATURES

Specifically designed for Industrial, Commercial, Residential, and applications that could endure harsh environmental conditions.

Overview (intuitive, compact, configurable)
- *Pulse-Lok®* auto-latch / quick release mechanism
- 6 color options in a variety of combinations
- Proprietary keying protects your single-use from being copied, or mated with the wrong connector
- Custom configurations including passive and active devices for coding or limiting catheter usage

Order as a full cable assembly (Consult Factory)
- Single or double ended
- Customize your cable bundle
- Overmolded strain relief
- Add components to fulfill design requirements

SPECIFICATIONS

Material
Connector Housing: Valox
Core Connector: Polycarbonate
Contacts: Phosphor Bronze
- 30µ" Gold over 50µ" Nickel
Flammability Rating
- Housing & Coupler: UL94 V-0
- Core Connector: UL1863

Mechanical
Mating Cycles: 5,000
Mating Force:
- Mate: 16.5 lbs. Max
- Un-mate: 3.5 lbs. Max
- Unintended extraction: 50lbs. Min.
- Backshell Withdrawal: 18.5lbs. Min.***

Environmental
- Operating Temp: -20C to +105C**
- Moisture Resistance: to IP-67 (mated)
- Sterilizable: gamma & EtO
- Chem. Resistance: common OR cleaning solvents
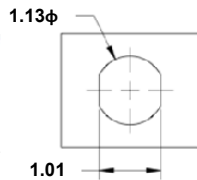
**Dependent on overmold material
***Backshell sold separately

Standard RJ-45 Insert

1.13φ

1.01

Panel Cut-Out

TABLE A:
STANDARD CONTACT CONFIGURATIONS & SPECFICATIONS

Number of Poles	Max Wire Gauge	Operating Voltage Max	Operating Current Max (A)	Dielectric Withstanding Voltage
8	24/26	150VAC	1.5A @ 25C	1,000VAC

Insulation Resistance: 500 milliohms
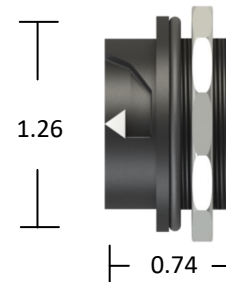**Surge Test with Pulse of 10/1000 microsecond & 1000V-Peak**

Plug Housing (Flex Nut Strain Relief)

1.15

3.25

STANDARD HOUSING OPTIONS

Front Panel-Mount Receptacle Housing

1.26

0.74
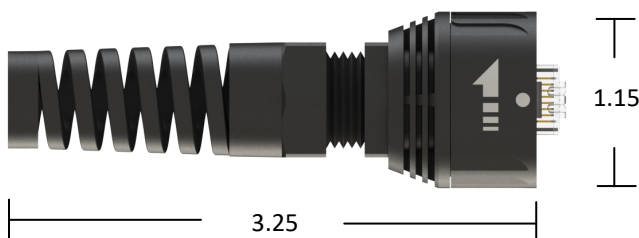
Plug Housing (Dome Nut Strain Relief)
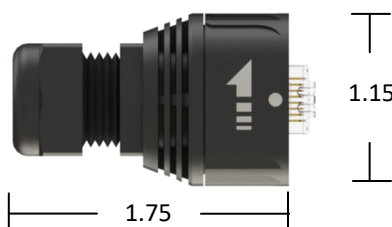
1.15

1.75

Rear Panel-Mount Receptacle Housing

1.26

0.74
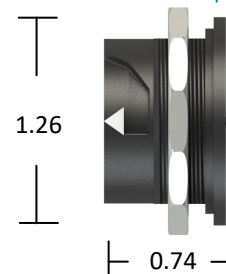
Standard color is black on black. See our online configurator for color options at :
www.amphenolalden.com/configurator

*All dimensions shown in inches except where indicated
 Panel-Mount range: Up to 0.185

2.0

For additional information about this, or any other Amphenol Alden product, please contact an Amphenol Alden specialist today, www.AmphenolAlden.com

Phone: 1(508) 427-7000
E-mail: Info@AmphenolAlden.com
www.AmphenolAlden.com

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| TABLE B: | | | STANDARD PART NUMBERS | | | | |

PULSE-NET® PLUG ASSEMBLIES

Wire Type	Strain Relief Type	TIA Category	RJ45 Non-Shield		RJ45 Shielded	
			Individual	Bulk	Individual	Bulk
Stranded	Customer Supplied	Cat 5e	361025	361027	361029	361031
Stranded	Dome	Cat 5e	361001	361003	361013	361015
Stranded	Flex	Cat 5e	361005	361007	361017	361019
Stranded	Dome	Cat 6	361033	361035		
Stranded	Flex	Cat 6	361037	361039		
Solid	Customer Supplied	Cat 5e	361026	361028	361030	361032
Solid	Dome	Cat 5e	361002	361004	361014	361016
Solid	Flex	Cat 5e	361006	361008	361018	361020
Solid	Dome	Cat 6	361034	361036		
Solid	Flex	Cat 6	361038	361040		
Customer Supplied	Dome	N/A	361009	361010	361021	361022
Customer Supplied	Flex	N/A	361011	361012	361023	361024

PULSE-NET® PANEL-MOUNT RECEPTACLES With Hex Nut

Termination Style	Strain Relief Type	TIA Category	Rear Panel-Mount		Front Panel-Mount	
			Individual	Bulk	Individual	Bulk
110 Punchdown Right Angle	Non-Shielded	Cat 5e	360001	360002	360025	360026
110 Punchdown Right Angle	Shielded	Cat 5e	360003	360004	360027	360028
110 Punchdown Straight	Non-Shielded	Cat 5e	360005	360006	360029	360030
110 Punchdown Straight	Shielded	Cat 5e	360007	360008	360031	360032
110 Punchdown Straight	Non-Shielded	Cat 6	360089	360090	360093	360094
110 Punchdown Straight	Shielded	Cat 6	360091	360092	360095	360096
In-Line Coupler Right Angle	Non-Shielded	Cat 3	360009	360010	360033	360034
In-Line Coupler Straight	Non-Shielded	Cat 5e	360011	360012	360035	360036
In-Line Coupler Straight	Shielded	Cat 5e	360013	360014	360037	360038
Customer Supplied	N/A	N/A	360015	360016	360039	360040
PCB Mount Straight	Non-Shielded	Cat 5	360017	360018		
PCB Mount Straight	Shielded	Cat 5	360019	360020		
Toolless Straight	Non-Shielded	Cat 5e	360021	360022	360041	360042
Toolless Straight	Shielded	Cat 5e	360023	360024	360043	360044

Note: Part numbers cover black housings in Key 1 configuration. For other color and housing options utilize the Amphenol Alden connector configurator located at
www.amphenolalden.com/configurator

*Indicates RJ45 will be shipped assembled in the Pulse-Net receptacle housing. All other styles will not be assembled in housing for ease of termination at application.

Pulse-Net Receptacle, 110 Punchdown, Straight, Non-shielded

Pulse-Net Receptacle, 110 Punchdown, Right Angle, Non-shielded

Pulse-Net Receptacle, In-line Coupler, Straight, Non-shielded

Pulse-Net Receptacle, Toolless, Straight, Non-shielded

Pulse-Net Receptacle, PC Mount, Straight, Non-shielded

PHOTO NOT CURRENTLY AVAILABLE

Pulse-Net Receptacle, 110 Punchdown, Straight, Shielded

Pulse-Net Receptacle, 110 Punchdown, Right Angle, Shielded

Pulse-Net Receptacle, In-line Coupler, Straight, Shielded

Pulse-Net Receptacle, Toolless, Straight, Shielded

Pulse-Net Receptacle, PC Mount, Straight, Shielded

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2.0

TABLE C: — **ACCESSORIES**

Panel-Mount Receptacle Dust Cap

P/N **107832-01**

Front Panel-Mount Receptacle
To install, slide last bead on chain through slot of mounting ring. Install first gasket onto housing, then the mounting ring, then the second gasket. Insert housing through panel and tighten nut.

Rear Panel-Mount Receptacle
To install, slide last bead on chain through slot of mounting ring. Place mounting ring between the panel and panel nut and tighten nut.

Cable Mount Plug Soaking Cap

P/N **107304-01**

Plug Soaking Cap
To install onto a cable assembly; open wire clip, place cable between the halves and close clip.

Note: Black (std.) Gray (optional) & accessories sold separately

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2.0
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