



# HUBBELL HiImpact Connector, Category 5e, Shielded

IP67 and IP66 Rated for Dust and Liquids.

Durable, Rugged Construction for the Most Punishing Environments.

Standard Hubbell Keystone Opening.

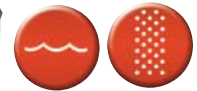


**Vibration TIA 568-B.2**  
Transmission integrity.



**Protection against EMI**  
eliminating unwanted disruptions.

**User-Friendly Quick Connect**  
Positive indication when fully engaged.



**O-Ring Seal**  
Reliable IP67 and IP66



**Standard 3/4" Knockout**  
Simplifies Installation.



**Valox® Construction**  
Resistant to temperature extremes and impact



**HARSH** e<sup>3</sup> e<sup>2</sup>

## SPECIFICATIONS

- ◆ Environmental
  - Ingress Protection: IP67 and IP66 (dust/water).
  - Corrosion: Resistant to most common chemicals, oils and cleaning agents.
  - **HI-IMPACT™** Housing: UV resistant.
  - **HI-IMPACT™** Housing Temperature Range: TIA/EIA-568-B.2 -25°C to 70°C.
- ◆ Mechanical
  - Vibration
    - Frequency Range: 10-500Hz.
    - Acceleration: 5g (operational).
  - Mating Cycles: 750 minimum.
  - UL 1863 compliant.
- ◆ Material
  - **HI-IMPACT™** Housing: Valox®, UL 94V-0.
  - Nose Contacts: Beryllium copper with a minimum of 50 micro-inch Gold plating over nickel under plating.
  - IDC 110 Contacts: Phosphor bronze with 100 micro-inch tin lead 60/40 plating over nickel under plating.
- ◆ Electrical
  - ANSI/TIA/EIA-568-B.2 (Category 5e).
  - Supports TIA-1005 Industrial Telecommunications Infrastructure.
  - Supports IEEE 802.3af to 4 times the DTE Power specification.
  - Exceeds IEEE 802.3ab Gigabit specification to < 1 \* 10<sup>-13</sup>.

Valox® is a registered trademark of G.E.

The construction of the **HI-IMPACT™** Category 5e shielded connector features an unmatched combination of durability, ease of installation, and versatility. O-Ring seals, high-impact polymer and our unique interlocking labyrinth design protect your network connection from the elements.

The HI5ES shielded jack delivers protection from interference caused by EMI (electromagnetic interference) providing high performance transmission from data points without interruption. The quick connect bayonet style housing provides tactile feedback when fully engaged minimizing user error typically found with screw type mating mechanisms.

Hubbell's **HI-IMPACT™** system is more than just a connection. It is a complete end-to-end communications solution designed to solve problems in the most punishing to the least severe environments.

## APPLICATIONS

- Use in applications with demanding environments such as automation, food processing, manufacturing, marinas, paper mills, pharmaceutical, utility companies, refinement and waste treatment facilities to protect network connections to IP devices.

## APPROVALS

- UL/cUL Listed.
- Third Party Verified Category 5e component.



**HI-IMPACT™ Connector, Category 5e, Shielded**

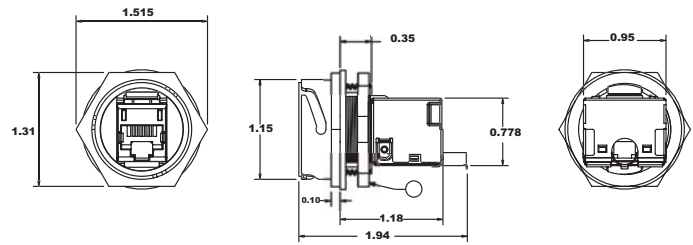
**Order Information**

Delivery: 1 housing, 1 jack (see below), 1 flat bulkhead gasket, and 1 retaining nut.

Description Catalog No.  
Category 5e Jack (Shielded) **HI5ESC**



**Dimensions**



Recommended panel thickness:

**ACCESSORIES**

**Protective Connector Cap**

Catalog No. **HIC**



**HI-IMPACT™ Cords**



**HI-IMPACT™ to HI-IMPACT™ Connector**

Type Catalog No.  
Cat 5e, Shielded **HI5ESXXEE**



**HI-IMPACT™ Connector to RJ-45**

Type Catalog No.  
Cat 5e, Shielded **HI5ESXXAE**



**HI-IMPACT™ RJ-45 to RJ-45**

Type Catalog No.  
Cat 5e, Shielded **HI5ESXXAA**



**XX = Length**

**03** = 3'    **05** = 5'    **07** = 7'  
**10** = 10'    **15** = 15'    **20** = 20'  
**25** = 25'

**HI-IMPACT™ Plates**

**Stainless Steel**

Ports	Gang	Catalog No.
1	1	<b>HISF11</b>
2	1	<b>HISF12</b>
2	2	<b>HISF22</b>
4	2	<b>HISF24</b>



**Thermoplastic, 4-Point FS/FD, 1-Gang**

Ports	Color	Catalog No.
1	Gray	<b>HI14GY</b>
2	Gray	<b>HI24GY</b>
1	Yellow	<b>HI114PY</b>
2	Yellow	<b>HI124PY</b>



**NEMA 4X Box**

	Thermoplastic	Stainless Steel
Ports	Catalog No.	Catalog No.
1	<b>HI14XGY</b>	<b>HI1CBSS</b>
2	<b>HI24XGY</b>	<b>HI2CBSS</b>
4	<b>HI44XGY</b>	-
6	<b>HI64XGY</b>	-



HI24XGY

HI2CBSS

**NEMA 4/12 Box**

Powder-coated Steel, Gray

Port	Catalog No.
1	<b>HI1CBG</b>
2	<b>HI2CBG</b>



**Fiberglass Weatherproof Device Box**

Knockout	Color	Catalog No.
3/4"	Yellow	<b>HBL60CM83HI</b>



**Cast Aluminum Device Box w/Lugs**

Knockout	Color	Catalog No.
1/2"	Gray	<b>HIFD1L</b>
3/4"	Gray	<b>HIFD2L</b>

**Cast Aluminum Weatherproof Device Box with Lugs**

Knockout	Color	Catalog No.
1/2"	Gray	<b>HIWP05GY</b>
3/4"	Gray	<b>HIWP75GY</b>



**Hubbell Premise Wiring**

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**Worldwide Locations**

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Hubbell Premise Wiring, Central America  
Hubbell Premise Wiring, China  
Hubbell Premise Wiring, Colombia  
Hubbell Premise Wiring, Europe  
Hubbell Int'l. Inc., Korea Branch

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506-309-4158 Fax: 506-260-1616  
8621-6309-0119 Fax: 8621-6309-0122  
571-245-8940 Fax: 571-340-0925  
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82-2-(0)2607-1363 Fax: 82-2-(0)2603-7386

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