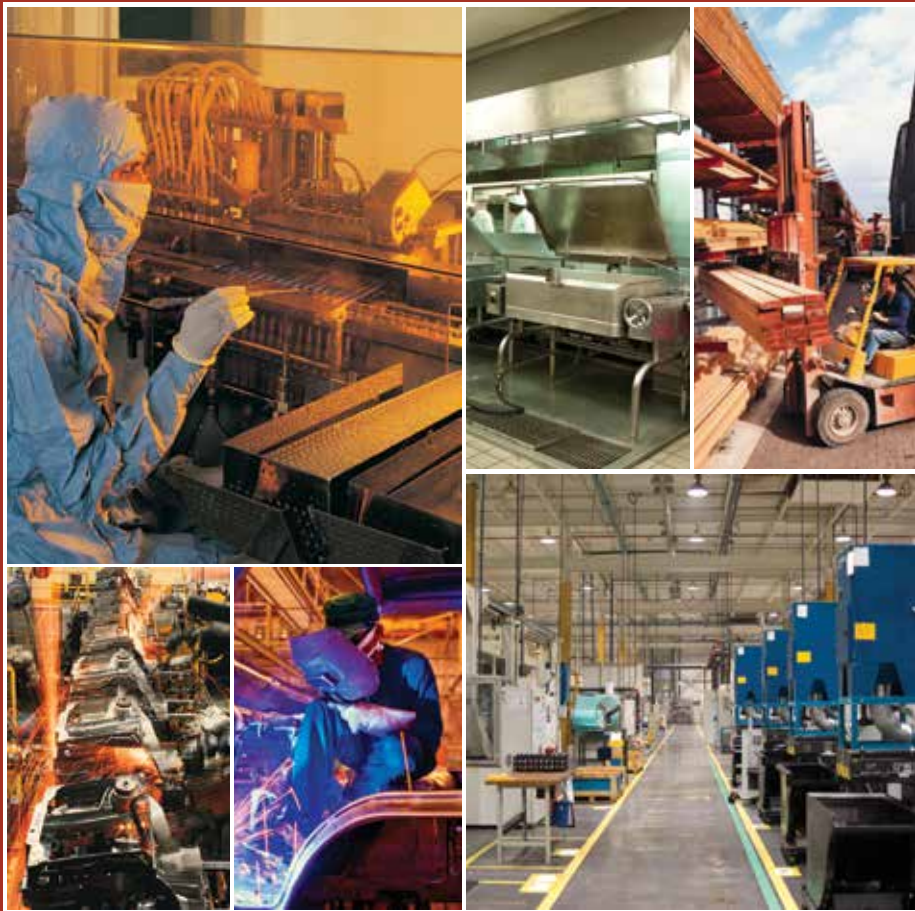


# HI-Impact | Harsh Environment Systems

Hubbell's HI-Impact systems are more than just connections. They are complete end-to-end communications solutions designed to solve problems in the most punishing environments.





# HI-Impact | Systems

Copper Connectors.....	T3
Patch Cords.....	T4
Plates, Boxes and Covers.....	T5
Surface Mount and DIN Rail Boxes.....	T6
Weatherproof Covers.....	T7
Equipment Cabinets.....	T8



### Performance

All connectors are verified to the latest standard for Category rated performance (6 and 5e)



### Durability

Rugged construction for the most punishing environments



### Interface

User-friendly quick connect positive indication when fully engaged

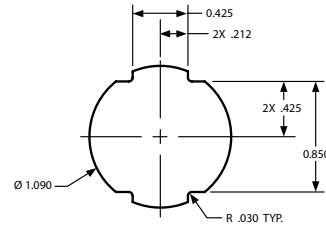
### Specifications



- Vibration: frequency range: 10-500Hz
- Acceleration: 5g (operational)
- Mating cycles: 750 minimum
- HI-Impact housing: Thermoplastic, UL 94V-0

### Standards

- TIA-568-C.2 Category 6 and 5e component
- IEEE 802.3AT PoE+ (DTE Power)
- Ingress protection: IP67 (dust/water)



### Installation

Standard 3/4" conduit knockout simplifies installation



Cat 6 Connector  
HI6



Cat 5e Connector  
HI5E



In-line Coupler, Cat 5e  
HI5EC



Protective Cap  
HIC

## HI-Impact Copper Panel Mount Connectors

Includes (1) housing, (1) jack, (1) flat bulkhead gasket, and (1) retaining nut

Description	Catalog No.
HI-Impact Category 6 connector (UTP)	<b>HI6</b>
HI-Impact Category 5e connector	<b>HI5E</b>
HI-Impact In-line coupler, Category 6	<b>HI6C</b>
HI-Impact In-line coupler, Category 5e	<b>HI5EC</b>
Protective cap	<b>HIC</b>



**Adaptability**

The coupler housing is a perfect solution for temporary and flexible work areas where single port drops are needed.



**Durability**

HI-Impact shell provides the ultimate protection harsh environments demand.



**Performance**

100% performance tested to the current standard for Category rated performance



**Flexibility**

Available in a variety of lengths and styles to accommodate the range of applications and combinations requested

**Specifications**



- HI-Impact housing temperature range: -25°C to 70°C
- HI-Impact housing: Thermoplastic, UL 94V-0

**Standards**

- TIA-568-C.2 Category 6 and 5e component
- IEEE 802.3AT PoE+ (DTE Power)
- Ingress protection: IP67 (dust/water)



Plug Connector, Bulk Patch Cable  
HI6P, HIPC6100



Coupler Housing  
HICH

**HI-Impact Patch Cord Assembly Chart**

**AE**



**EE**



**AA**



**HI-Impact Patch Cords**

Description	2 feet	3 feet	5 feet	7 feet	10 feet	15 feet	20 feet
HI-Impact Cat 6 RJ45 to standard RJ45	<b>HI602AE</b>	<b>HI603AE</b>	<b>HI605AE</b>	<b>HI607AE</b>	<b>HI610AE</b>	<b>HI615AE</b>	<b>HI620AE</b>
HI-Impact Cat 6 RJ45 on both ends	<b>HI602EE</b>	<b>HI603EE</b>	<b>HI605EE</b>	<b>HI607EE</b>	<b>HI610EE</b>	<b>HI615EE</b>	<b>HI620EE</b>
Standard Cat 6 RJ45 on both ends	<b>HI602AA</b>	<b>HI603AA</b>	<b>HI605AA</b>	<b>HI607AA</b>	<b>HI610AA</b>	<b>HI615AA</b>	<b>HI620AA</b>
	25 feet	30 feet	35 feet	40 feet	45 feet	50 feet	
HI-Impact Cat 6 RJ45 to standard RJ45	<b>HI625AE</b>	<b>HI630AE</b>	<b>HI635AE</b>	<b>HI640AE</b>	<b>HI645AE</b>	<b>HI650AE</b>	
HI-Impact Cat 6 RJ45 on both ends	<b>HI625EE</b>	<b>HI630EE</b>	<b>HI635EE</b>	<b>HI640EE</b>	<b>HI645EE</b>	<b>HI650EE</b>	
Standard Cat 6 RJ45 on both ends	<b>HI625AA</b>	<b>HI630AA</b>	<b>HI635AA</b>	<b>HI640AA</b>	<b>HI645AA</b>	<b>HI650AA</b>	

Description	Catalog No.
HI-Impact Cat 6 plug connector, UTP	<b>HI6P</b>
HI-Impact Cat 6 plug, RJ45 UTP stranded, 25-pk	<b>HIP625</b>
HI-Impact RJ45 plug boot, Black, 25-pk	<b>HICB25BK</b>
HI-Impact Cat 6 bulk patch cable, 100ft	<b>HIPC6100</b>
HI-Impact coupler housing, connectors not included	<b>HICH</b>



### Stainless Steel Plate Specifications

- Thickness: .04" (.9) nominal
- Material: smooth metal 302/304; super stainless steel 17-19% chrome, 8% nickel
- Gasket material: UL closed-cell foam

### Thermoplastic Plate Specifications

- Flammability: UL 94-V0, 94-5VA classification
- Material: Thermoplastic
- Gasket material: UL closed-cell foam



Device Box  
HIFD2L



Non-Metallic Conduit  
G1050



Non-Metallic Fittings  
P050NGYA, PS0509NGYA

### Stainless Steel Plates

Port Size	Gangs	Catalog No.
1	1	<b>HISF11</b>
2	1	<b>HISF12</b>
	2	<b>HISF22</b>
4	2	<b>HISF24</b>

### Thermoplastic 4-Point FS/FD Plates

Port Size	Gangs	Color	IP Rating	Catalog No.
1	1	Gray	55	<b>HI14GY</b>
		Yellow	55	<b>HI114PY</b>
2	1	Gray	55	<b>HI24GY</b>
		Yellow	55	<b>HI124PY</b>

### Weatherproof Device Box

Knockout	Protection Level	Color	Catalog No.
1/2"	NEMA Type 3R	Gray	<b>HIWP05GY</b>
3/4"	NEMA Type 3R	Gray	<b>HIWP75GY</b>

### HI-Impact POLYTUFF® Non-Metallic Conduit

Size	Length	Color	Catalog No.
1/2"	100'	Gray	<b>G1050</b>
3/4"	100'	Gray	<b>G1075</b>

### Cast Aluminum Device Box with Lugs

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

### LIQUIDTIGHT® Non-Metallic Fittings

Description	Size	Color	Catalog No.
Straight male	1/2"	Gray	<b>P050NGYA</b>
	3/4"	Gray	<b>P075NGYA</b>
SWIVELLOK® male	1/2"	Gray	<b>PS0509NGY</b>
	3/4"	Gray	<b>PS0759NGY</b>



### HI-Impact Surface Mount Box

- Provides an easy way to mount and protect connectivity in punishing environments, supporting all HI-Impact media types
- For applications requiring stainless steel, NEMA Type 4/12 or NEMA Type 4X in different port configurations, a HI-Impact surface mount box suits environmental needs



2-Port Thermoplastic  
HI24XGY



2-Port Powder Coat Steel  
HI2CB2G



1-Port Stainless Steel  
HI1CBSS

### HI-Impact Surface Mount Boxes

#### Thermoplastic, Gray

NEMA Type Rating	Ports	Catalog No.
4X	1	<b>HI14XGY</b>
	2	<b>HI24XGY</b>
	4	<b>HI44XGY</b>
	6	<b>HI64XGY</b>

#### Steel, powder coated, Gray

4/12/13	1	<b>HI1CB2G</b>
	2	<b>HI2CB2G</b>

#### Stainless steel, brushed

4X	1	<b>HI1CBSS</b>
	2	<b>HI2CBSS</b>



### DIN Rail Utility Box

- Offers a labor-saving method for providing utility power and/or communications to any control cabinet
- Installation is as easy as snapping the box vertically onto a 35mm DIN Rail and connecting the line, neutral and ground wires to the terminal block for power, or punching down Hubbell jacks for communications

### DIN Rail Utility Box

Description	Catalog No.
Communications DIN rail utility box kit (unloaded)	<b>HI DRUBCKIT</b>

See page B9 for decorator and duplex frames.



### Specifications

- High-impact polycarbonate construction provides maximum durability
- Patented keyhole mounting system allows installation in under a minute
- Includes attached gasket and mounting hardware
- Pre-configured for GFCI with patented knockout technology for alternate devices
- Lockable tab, 0.40" hasp

### Standards

- UL Listed
- NEMA Type 3R Rated
- 2014 NEC® Compliant (Article 406.9)



Standard 1-Gang  
RW57300



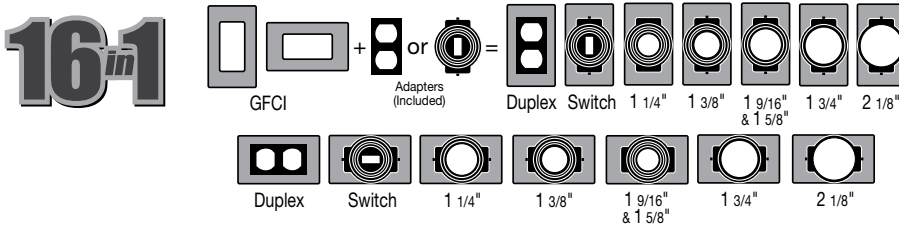
Jumbo 1-Gang  
RW57350



2-Gang  
RW57750

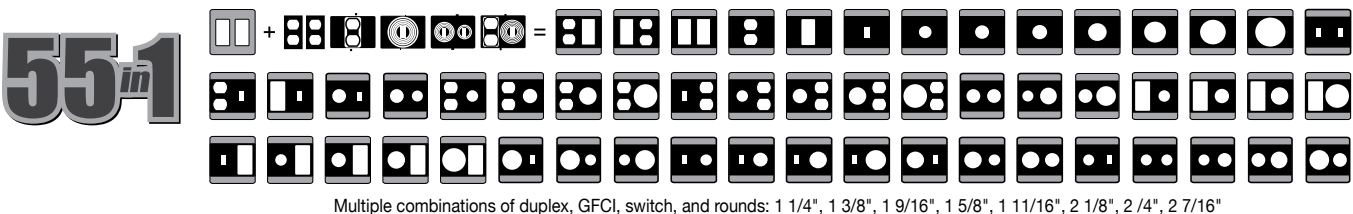
## 1-Gang Weatherproof Covers for Vertical/Horizontal Mounting

Description	Dimensions Inches (mm)	Catalog No.
Standard, non-metallic, gray with clear tinted cover, While-In-Use, 16-in-1 configurations below	5.54" x 3.79" x 3.07" (140.7 x 96.3 x 78.0)	<b>RW58300</b>
Jumbo, non-metallic, gray with clear cover, While-In-Use, 16-in-1 configurations below	5.54" x 3.79" x 5.08" (140.7 x 96.3 x 129.0)	<b>RW58350</b>



## 2-Gang Weatherproof Covers for Vertical/Horizontal Mounting

Description	Dimensions Inches (mm)	Catalog No.
Non-metallic, gray with clear cover, While-In-Use, 55-in-1 standard	5.54" x 5.43" x 3.07" (140.7 x 137.9 x 78.0)	<b>RW58750</b>



All covers required by the NEC® for while-in-use outdoor power distribution; thermoplastic covers provide protection for use in wet locations with the cover closed; holes for padlocks are .40 inches.

NEC® is a registered trademark of the National Electrical Code. NEMA® is a registered trademark of the National Electrical Manufacturers Association.



RE-BOX® Industrial Cabinet  
IR4UG



Consolidation Point Cabinet  
HICP412G



Lock Kit  
CKL751

### Specifications

- NEMA Type 4X Environmental Protection
- Enclosure is fabricated from 14 gauge 304 stainless steel, door is 14 gauge 316 stainless steel
- Plasma-welded, continuous seams
- ¼-turn, oil-tight latches on door
- Poured-in polyurethane gasket on door

## HI-Impact RE-BOX® Industrial Cabinet

Cold rolled steel, powder coated, gray

NEMA Type Rating	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
3R	21" (533)	12" (309)	24" (610)	<b>IR2U3RG</b>
			36" (914)	<b>IR3U3RG</b>
4/12/13	21" (533)	12" (309)	24" (610)	<b>IR2UG</b>
			36" (914)	<b>IR3UG</b>
			48" (1219)	<b>IR4UG</b>
			36" (914)	<b>IR3PG*</b>
			48" (1219)	<b>IR4PG*</b>

Stainless steel, brushed

4X	21" (533)	12" (309)	24" (610)	<b>IR2USS</b>
			36" (914)	<b>IR3USS</b>

\*Pre-configured version includes (1) enclosure, (1) bottom-hinged patch panel bracket (4U, REK19), (1) equipment mounting bracket (5U, REKZ), and (1) HI-Impact RE-BOX back panel.

See pages N6 and N7 for RE-BOX accessories.

Hubbell's HI-Impact NEMA Type 4X and 4/12 consolidation point cabinets are designed for harsh environments where oil, dirt, dust and moisture are present. The HI-Impact consolidation point cabinet is a perfect solution to house and secure small switches, wireless access points and cross connect products in harsh environments such as factory floors, convention centers, correctional facilities, and commercial kitchens.

## HI-Impact Consolidation Point Cabinet

Cold rolled steel, powder coated, gray

NEMA Type Rating	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
4/12/13	12" (309)	7" (178)	12" (309)	<b>HICP412G</b>

Stainless steel, brushed

4X	21" (533)	12" (309)	36" (914)	<b>HICPSS</b>
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## Lock Kit

Use to change lock style to meet specific applications; includes (2) assembly locks and keys

Description	Catalog No.
CH751 keyed lock kit	<b>CKL751</b>