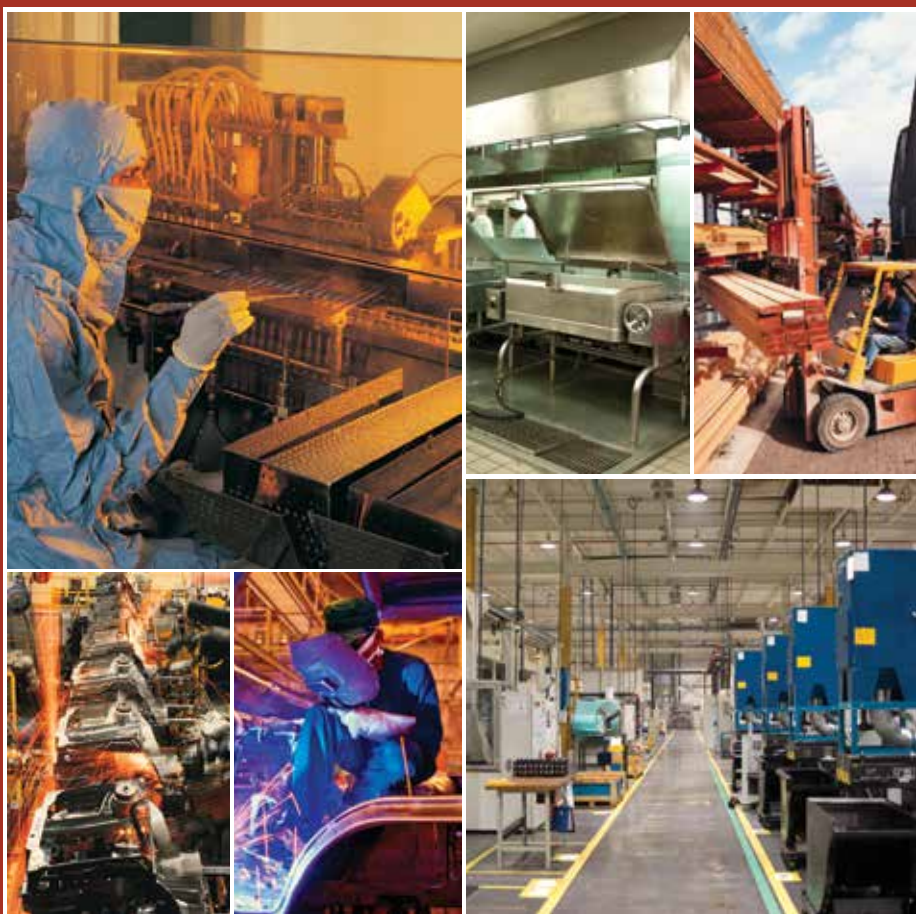




HI-Impact | Harsh Environment Systems

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

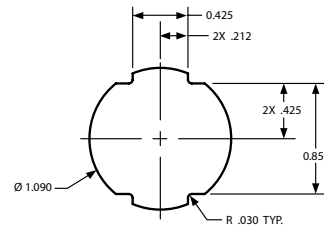
Specifications



- 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)	HI6
HI-Impact Category 5e connector	HI5E
HI-Impact In-line coupler, Category 6	HI6C
HI-Impact In-line coupler, Category 5e	HI5EC
Protective cap	HIC



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)

HI-Impact Patch Cord Assembly Chart

AE



EE



AA



Plug Connector, Bulk Patch Cable
HI6P, HIPC6100



Coupler Housing
HICH

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

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



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	HISF11
2	1	HISF12
	2	HISF22
4	2	HISF24

Thermoplastic 4-Point FS/FD Plates

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

Weatherproof Device Box

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

HI-Impact POLYTUFF® Non-Metallic Conduit

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

Cast Aluminum Device Box with Lugs

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

LIQUIDTIGHT® Non-Metallic Fittings

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



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	HI14XGY
	2	HI24XGY
	4	HI44XGY
	6	HI64XGY

Steel, powder coated, Gray

4/12/13	1	HI1CB2G
	2	HI2CB2G

Stainless steel, brushed

4X	1	HI1CBSS
	2	HI2CBSS



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)	HI DRUBCKIT

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



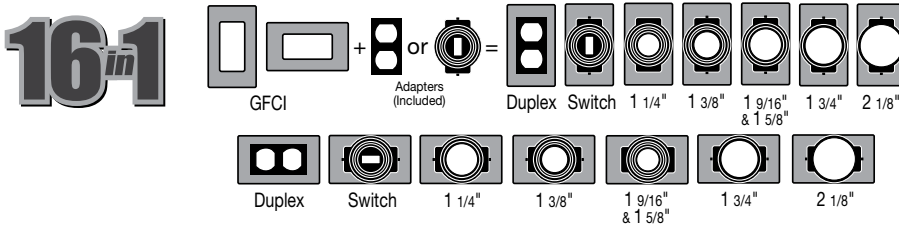
Jumbo 1-Gang
RW57350



2-Gang
RW57750

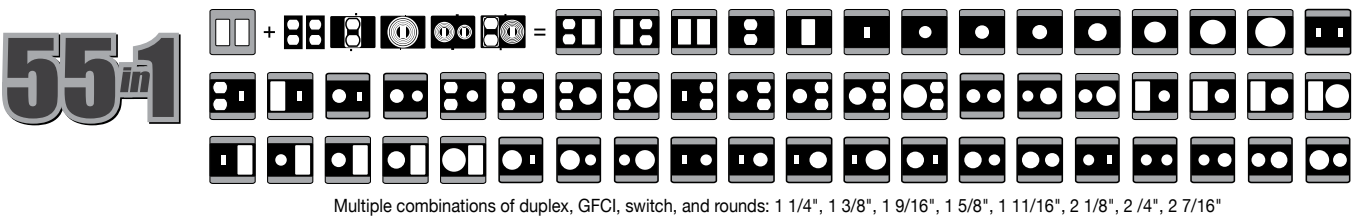
1-Gang Weatherproof Covers for Vertical/Horizontal Mounting

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)	RW58300
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)	RW58350



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)	RW58750



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)	IR2U3RG
			36" (914)	IR3U3RG
4/12/13	21" (533)	12" (309)	24" (610)	IR2UG
			36" (914)	IR3UG
			48" (1219)	IR4UG
			36" (914)	IR3PG*
			48" (1219)	IR4PG*

Stainless steel, brushed

4X	21" (533)	12" (309)	24" (610)	IR2USS
			36" (914)	IR3USS

*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)	HICP412G

Stainless steel, brushed

4X	21" (533)	12" (309)	36" (914)	HICPSS
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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	CKL751