HI-IMPACT™
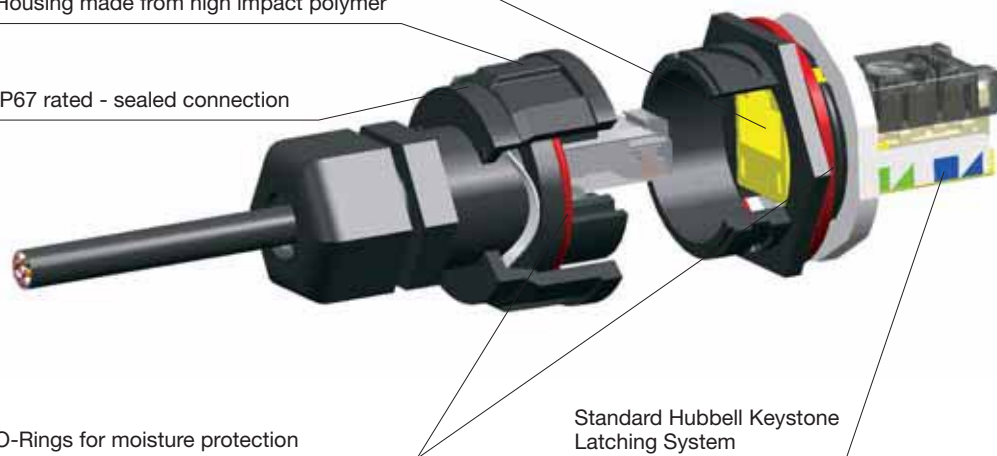# Industrial Ethernet Connector and Harsh Environment Connectors

Category 6 and 5e component connectors

Housing made from high impact polymer

IP67 rated - sealed connection

O-Rings for moisture protection

Standard Hubbell Keystone Latching System

Industrial/Manufacturing

Medical

Harsh Environment

Oil/Mining

Industrial Ethernet and Harsh Environment Connectors

Hubbell's Industrial Ethernet System provides leading edge Category 5e and 6 network transmission performance suitable for industrial and other harsh environments. This system incorporates the use of our standard data connectivity jacks which feature our keystone latching mechanism, in a rugged sealed housing providing IP67 rated protection.

Extend your LAN to include automation equipment and manufacturing or process control equipment. Utilize the Hubbell system to provide added protection in harsh environments such as convention centers, food processing plants, outdoor billboards and display screens, medical and other environments which require added protection from moisture, corrosion, dust-debris, vibration and chemicals.

Industrial Ethernet Connectors

Description	Catalog Number
Cat. 5e Connector	**HI5E**

Description	Catalog Number
Cat. 5e Inline Coupler Connector	**HI5EC**

Description	Catalog Number
F-Connector	**HIF**

Description	Catalog Number
Cat. 5e Shielded Connector	**HI5ESC**

Description	Catalog Number
Cat. 6 Connector	**HI6**

Environmental Specifications

Ingress Protection:	NEMA TYPE 4X (connectors). IP67 and IP66 (dust/water). IP55 (plates).
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.

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.

Mechanical

Vibration
Frequency Range:	10-500Hz.
Acceleration:	5g (operational).
Mating Cycles:	750 minimum.

UL 1863 compliant.

Electrical

ANSI/TIA/EIA-568-B.2-1 (Cat. 6 and 5e).
Supports TIA-1005 Industrial Telecommunications Infrastructure.

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

Wiring Device-Kellems www.hubbell-wiring.com *Dimensions in Inches (mm)*

HI-IMPACT™
Industrial Ethernet Patch Cords, Plugs, Wall Plates and Surface Mount Boxes

Industrial Ethernet Patch Cords and Plugs

EE   AE   AA

Description	Catalog Number	Catalog Number
HI-IMPACT RJ-45 to standard RJ-45	HI6xxAE	HI5ExxAE
HI-IMPACT RJ-45 on both ends	HI6xxEE	HI5ExxEE
Standard RJ-45 on both ends	HI6xxAA	HI5ExxAA

Patch Cords, F-Connector (RG59)	Catalog Number
F-connector HI-IMPACT F to standard F (RG59)	HIFxxAE
F-connector HI-IMPACT F to HI-IMPACT F (RG59)	HIFxxEE

Substitute "xx" with 03, 05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50 to indicate length in feet.

HIFxxAE

Field Termination Plugs, Bulk Patch Cord and Cap

Description	Catalog Number
Field Termination Plug, Category 5e	HI5EP
Field Termination Plug, F-connector (RG59)	HIFP
HI-IMPACT Bulk Cable, Category 5e	HIPC100
HI-IMPACT Bulk Cable, RG59 coaxial cable	HIF100
Connector Cap	HIC

HIPC100

HI5EP

HIC

HI-IMPACT Wall Plates

Description	Port Size	Gang	Color	Catalog Number
Stainless Steel Wall Plate	1	1	Stainless Steel	HISF11
Stainless Steel Wall Plate	2	1	Stainless Steel	HISF12
Stainless Steel Wall Plate	2	2	Stainless Steel	HISF22
Stainless Steel Wall Plate	4	2	Stainless Steel	HISF24
Thermoplastic 4-Point FS/FD	1	1	Gray	HI14GY
Thermoplastic 4-Point FS/FD	1	1	Yellow	HI114PY
Thermoplastic 4-Point FS/FD	2	1	Gray	HI24GY
Thermoplastic 4-Point FS/FD	2	1	Yellow	HI124PY

HISF11

HI114PY

HI-IMPACT Surface Mount Boxes

Description	Ports	Color	Catalog Number
Thermoplastic NEMA 4X Box	1	Gray	HI14XGY
Thermoplastic NEMA 4X Box	2	Gray	HI24XGY
Thermoplastic NEMA 4X Box	4	Gray	HI44XGY
Thermoplastic NEMA 4X Box	6	Gray	HI64XGY
Stainless Steel NEMA 4X Box	1	Stainless Steel	HI1CBSS
Stainless Steel NEMA 4X Box	2	Stainless Steel	HI2CBSS
Steel, Gray (Powder-coated) NEMA 4/12 Box	1	Gray	HI1CB2G
Steel, Gray (Powder-coated) NEMA 4/12 Box	2	Gray	HI2CB2G
½" Hub Size Cast Aluminum Device Box with Lugs		Gray	HIFD1L
¾" Hub Size Cast Aluminum Device Box with Lugs		Gray	HIFD2L

HIFD2L

HI1CBSS