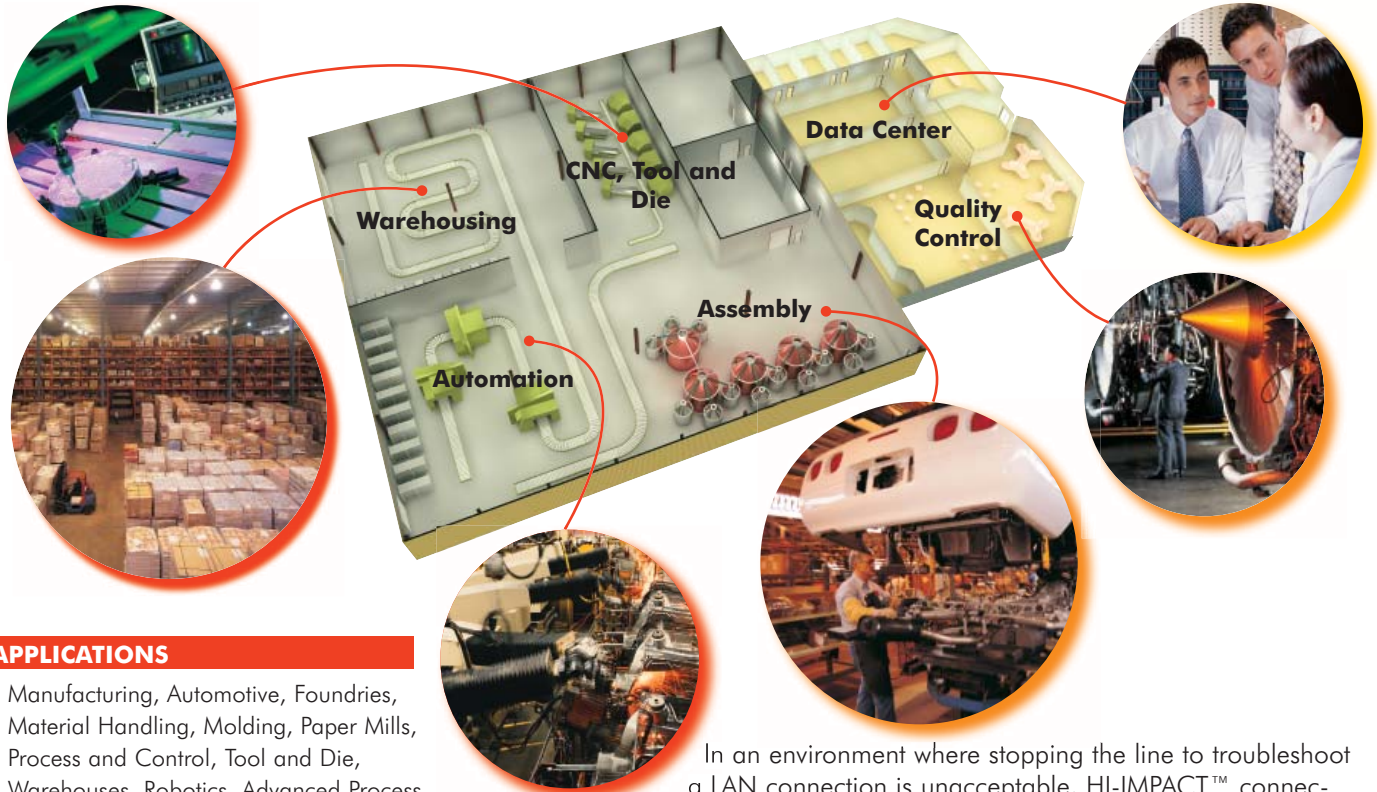


HI-IMPACT™

Manufacturing and Assembly:
Device to Data Center

Communication Solution for Harsh Environments



APPLICATIONS

- Manufacturing, Automotive, Foundries, Material Handling, Molding, Paper Mills, Process and Control, Tool and Die, Warehouses, Robotics, Advanced Process Technologies, Cleaning, Coating, Finishing, and Plating, Contract Manufacturing, Heat Treating and Processing, Materials Removal, Metal Forming, Surface Treatment, Transportation, CNC, Storage, Machinery, Welding and Joining

CONNECTOR SPECIFICATIONS

- ◆ Environmental
 - Ingress Protection: IP67 and IP66 (dust/water)
 - Corrosion: Resistant to most common chemicals, oils and cleaning agents.
 - HI-IMPACT™ Housing: UV resistant
 - Temperature Range: TIA/EIA-568-B.2
- ◆ Mechanical
 - Vibration
 - Frequency Range: 10-500Hz
 - Acceleration: 5g
 - Mating Cycles: 750 minimum
 - UL 1863 listed
- ◆ Material
 - HI-IMPACT™ Housing: PBT, 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.2-1 (Category 6)
 - ANSI/TIA/EIA-568-B.2 (Category 5e)
 - Supports TIA TR42.9 Industrial Draft
 - Supports IEEE 802.3af to 4 times the DTE Power specification
 - Exceeds IEEE 802.3ab Gigabit specification to $< 1 * 10^{-13}$

In an environment where stopping the line to troubleshoot a LAN connection is unacceptable, HI-IMPACT™ connectors provide the reliability specified. Where throughput is a concern, HI-IMPACT™ system delivers maximum bandwidth from the data center right down to the device level allowing access to the fabrication, assembly and testing equipment. Whether automation, welding or immersion, HI-IMPACT™ System delivers a reliable robust connection withstanding some of the most punishing environments.

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.

HUBBELL ADVANTAGE

- **Durability:** Connectors, plates and enclosures withstand the demanding use found in uncontrolled locations.
- **Performance:** Connector delivers unmatched transmission performance.
- **Reliability:** Mated connection - withstanding vibration 10-500Hz with an acceleration of 5g.
- **User-Friendliness:** Intuitive connectors provide an easy connect/disconnect for on-the-fly programming.
- **Customization:** Field terminable cords and connectors allow on site tradesmen to install and configure to best suit the application.

www.hubbell-solutions.com/Hi-Impact



e 3 SEVERE Applications

Connectors

- Cat 5e
- Cat 5e Coupler
- *F-Connector
- *Cat 6
- *M12

Patch Cords

- Cat 5e
- Cat 6
- Hybrid Series
- M12 to RJ45

Enclosures NEMA 4X

- REBOX®
- Consolidation Point
- *Wireless

Plates

- FS/FD Plates

Work Area Boxes

- NEMA 4X Control Boxes
- Portable Outlet Boxes
- Weatherproof Box

Delivery

- Center Rack
- TrukTrak®
- LiquidTight® Systems
- Cord Connectors

* Coming soon 2004

e 2 HARSH Applications

Connectors

- Cat 5e
- Cat 5e Coupler
- *F-Connector
- *Cat 6

Patch Cords

- Cat 5e
- Cat 6
- Hybrid series

Enclosures NEMA 4, 12, 13

- REBOX®
- Consolidation Point
- *Wireless

Plates

- Stainless Steel Plates

Work Area Boxes

- NEMA 4/12/13 Control Boxes
- Portable Outlet Boxes
- Die-cast Box

Delivery

- Center Rack
- TredTrak®
- LiquidTight® Systems

e 1 TOUGH Applications

Connectors

- Cat 5e
- Cat 6
- Cat 5e Coupler
- Broad range of Audio/Video Connections

Patch Cords

- Cat 5e
- Cat 6

Enclosures NEMA 3R

- REBOX®
- *Wireless

Plates

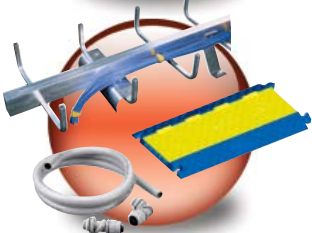
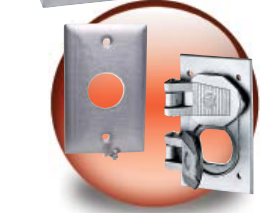
- Communication Frames
- Flip Covers

Work Area Boxes

- Bell® Boxes
- Work Boxes

Delivery

- Center Rack
- TredTrak®
- LiquidTight® Systems



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