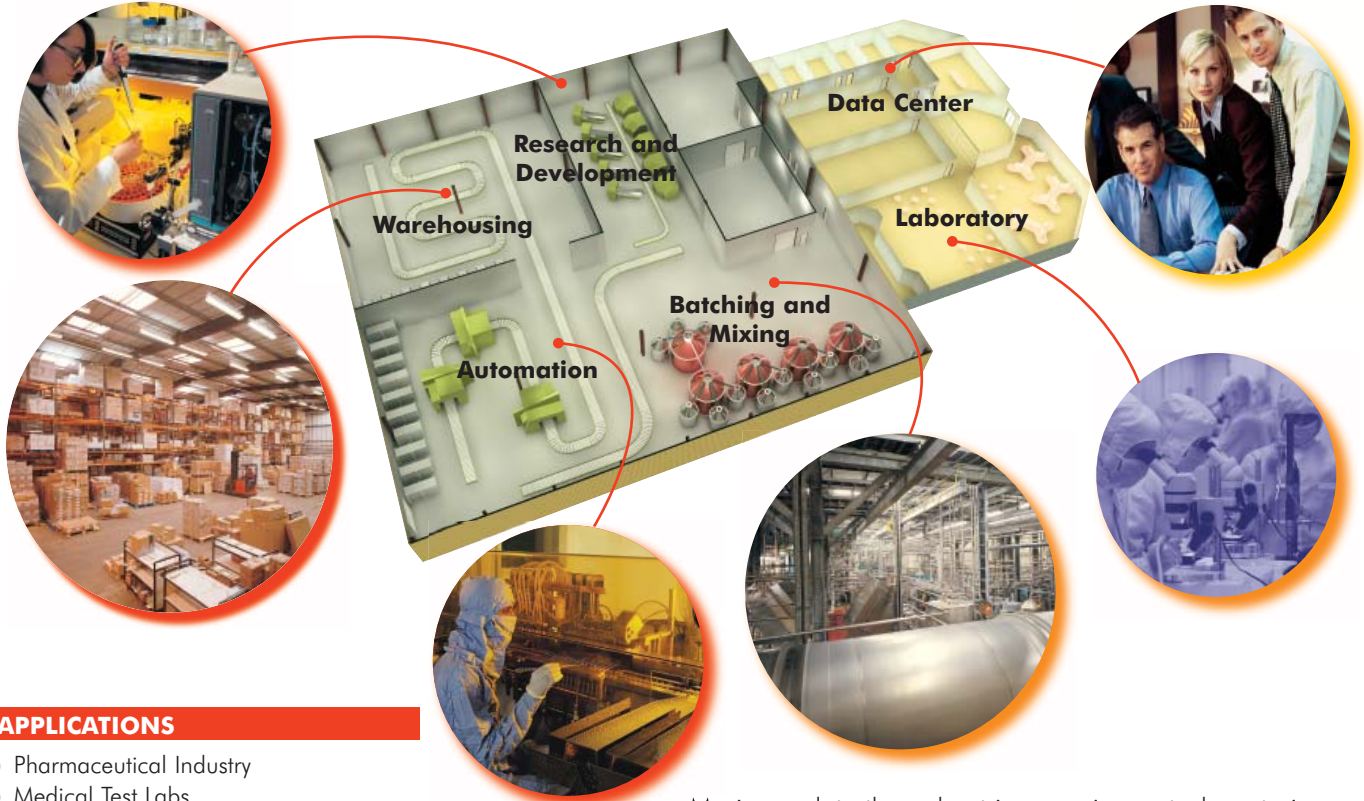


HI-IMPACT™

Medical, Laboratory, Health Care:
Device to Data Center

Communication Solution for Harsh Environments



APPLICATIONS

- Pharmaceutical Industry
- Medical Test Labs
- Hospitals and Medical Treatment Centers
- Mobile Medical Units
- Bioinformatics, Clinical Trials, Contract Research, Cloning, Genetics/Genomics, Immunotherapies, Research and Development

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 $< 1 * 10^{-13}$

Maximum data throughput is a requirement when storing, retrieving or transferring massive amounts of data and imaging files. As we move the edge of the LAN into the laboratory and demanding medical environment, LAN connections must be able to withstand the abuse of wash down, splashing fluids and rugged handling.

Hubbell's HI-IMPACT™ system is more than just a connection. It is a complete end-to-end communications solution designed to put high-performance data connections in demanding medical/pharmaceutical environments.

HUBBELL ADVANTAGE

- **Durability:** Connectors, plates and enclosures withstand the demanding use found in uncontrolled locations.
- **Performance:** Connection delivers industry unmatched transmission performance.
- **User-Friendliness:** Intuitive connectors provide an easy connect/disconnect for on-the-fly programming.
- **Intuitive:** Plug and play style connectors creating an easy connection in the field.
- **Customization:** Solutions ranging from HARSH-e1 through HARSH-e3 allow the system to be tailored to each 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

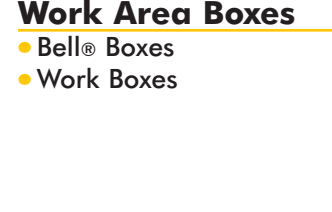
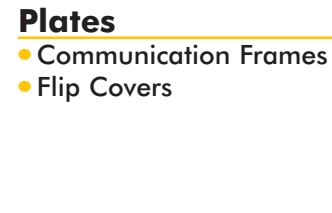
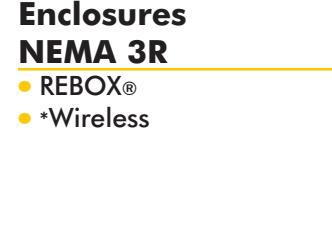
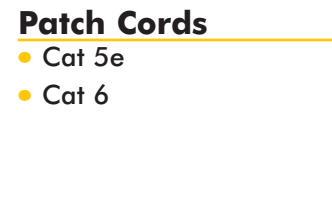
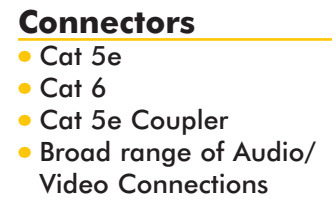
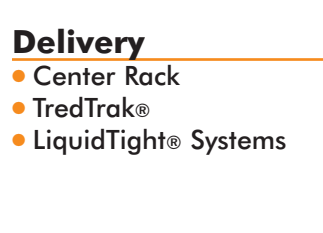
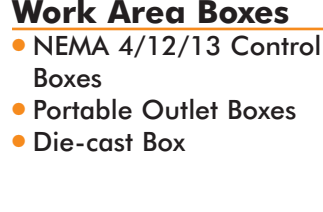
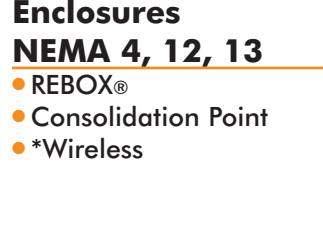
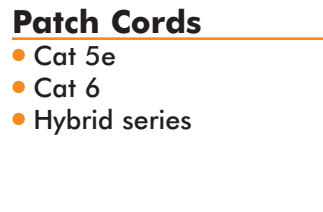
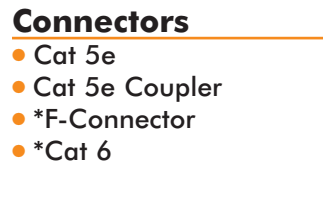
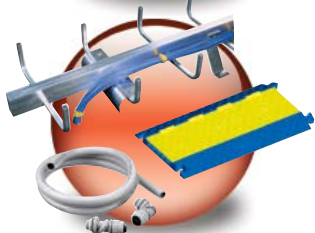
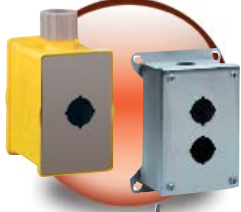
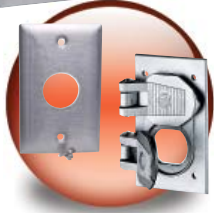
- Communication Frames
- Flip Covers

Work Area Boxes

- Bell® Boxes
- Work Boxes

Delivery

- Center Rack
- TredTrak®
- LiquidTight® Systems



Hubbell Wiring Device-Kellems
Hubbell Incorporated (Delaware)
185 Plains Road
Milford, CT 06460-2420
Tel: (203) 882-4800
Fax: (800) 255-1031
www.hubbell-wiring.com
H5148APP 03/04



Hubbell Premise Wiring
Hubbell Incorporated (Delaware)
14 Lord's Hill Road
Stonington, CT 06378-0901
Tel: (800) 626-0005
Fax: (860) 535-8328
www.hubbell-premise.com
DS-E10 03/04