

# HI-IMPACT™

Retail, Fast Food: Device to Data Center

## Communication Solution for Harsh Environments



DIY



Grocery



Data Center



Warehousing



Mixing and Food Prep



Point-of-Sale

### APPLICATIONS

- Fast Food, Restaurants
- Grocery, Meat, Deli and Frozen Food Departments
- Wholesale Warehouse Clubs
- Point of sale, Paging systems
- Retail
- DIY

### 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  $< 1 * 10^{-13}$

Whether setting up hamburgers and fries, DVD players or home improvement supplies, the uncontrolled environments of the retail space places unique demands on communications system components. Locating data connections within reach of customers requires tamper resistance and security. HI-IMPACT™ System delivers a reliable robust connection sealing out the curiosity of the public and withstanding the persistent uncontrollable elements.

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:** Corrosion-resistant connectors, plates and enclosures withstand years of abuse and wash down.
- **Security:** Tamper-resistant boxes and enclosures complement the HI-IMPACT™ connector in demand, uncontrolled environments.
- **Flexibility:** Locate connections easily with the HI-IMPACT delivery systems used to route and protect cable along a wall, ceiling and/or floor.
- **Customization:** HI-IMPACT™ REBOX® remote equipment boxes facilitate dispersed active equipment in large warehouse type stores.

### **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

### **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

\* Coming soon 2004



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