

HI-IMPACT™

Entertainment and Recreation:
Device to Data Center

Communication Solution for Harsh Environments



Studios



Theme Parks



Data Center



Stadiums



Music and
Theaters



POS and
ATMs

APPLICATIONS

- Casinos and Gaming, Resorts and Spas
- Arenas, Stadiums, Civic Centers and Entertainment Venues
- Convention Centers
- Aquariums, Amusement and Family Entertainment, Theme Parks and Zoos
- Water Parks
- Media, Film, Music, Sports and Theater

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 $< 1 * 10^{-13}$

The entertainment industry spans various applications and many different environments all requiring the need for a dynamic robust system. Whether it's video surveillance connections at a theme park, internet connections at a seaside lounge or media hook-ups at the sports arena, data connections need to be tough, withstand the elements and deliver maximum throughput. HI-IMPACT™ Systems answers the call providing the right components for every application.

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:** Industry-leading connectors, boxes, plates and enclosures to stand up in every punishing application.
- **Performance:** Connection delivers unmatched transmission performance.
- **Flexibility:** Keystone modularity means that the universal housing supports voice, data, and video.
- **User-Friendliness:** Connections lend themselves to use by technicians moving equipment in and out.
- **Customization:** Solutions from HARSH-e1 through HARSH-e3 allow the system to be tailored to each application.

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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H5148APP 03/04



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DS-E12 03/04