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CONNECTIVITY SOLUTIONS FOR **HEALTHCARE**

THE CHALLENGE

Providing effective services on a decreasing budget is the challenge facing today's healthcare providers.

Technology continues to enable leaps forward in diagnostics, treatment, security, efficiency and data management, but as it evolves so do its demands. Healthcare infrastructure must provide the reliable, cost-effective performance needed today, but without restricting what can be achieved tomorrow.

Modularity, scalability and emerging performance capability are the key to achieving ever more with less.

THE SOLUTION

Molex's modular platform and Reuse - Rethink - Recycle philosophy allow seamless integration of communication mediums - be it audio visual, optical fiber or copper cable based communications. From data center to campus facility, from building distributor to patient room outlets, Molex's Synergy Footprint allows for full customization while reducing the required number of parts to achieve the result.

With Molex's cost effective, modular and scalable data transport platform, medical facilities are able to invest more into their most important element – their people.

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CONNECTED ENTERPRISE SOLUTIONS

Molex has been developing connectivity solutions for over 40 years. As one of the pioneers of structured cabling, we have provided solutions to some of the largest organizations around the world.

VERIFIED ANTIMICROBIAL PERFORMANCE

Molex Antimicrobial products have antibacterial properties that have been verified in accordance to ISO 22196. This test demonstrates the efficacy of protection against Staphylococcus aureus and Escherichia coli.

Molex Antimicrobial products are intended as part of an effective sterilization protocol and not a substitute.

ABOUT MOLEX

Trusted by leading organizations worldwide, Molex is known for the quality and reliability of our products. We work with hand-selected, Molex-trained installers and consultants to ensure you receive the highest quality of service end-to-end.

With exceptional build quality, our products are designed to be used and re-used, delivering reliable high performance every time.

HEALTHCARE CUSTOMERS

Sutter Health, USA | Nanjing Children's Hospital, China | Discovery Health, South Africa
Department of Emergency Services, Australia | Kalinga Institute of Medical Sciences, India
Lady Cilento Children's Hospital, Australia | Olympia Eye and Laser Centre, Namibia

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Product Range:
ANTIMICROBIAL SOLUTION

Antimicrobial products add additional protective properties to standard cleaning processes to help in the maintenance of a clean environment.

WALLPLATES

- Smooth “polished surface” facilitating easy wipe down
- Embedded antimicrobial materials in the plastic work 24/7 to inhibit the growth of bacteria, reducing the risk of cross contamination
- Angled outlet – facilitates correct bend radius of the patch cords essential for data continuity at high performance

CAT 6A F/UTP PATCH CORDS

- Antimicrobial materials – assist in the prevention of propagation of bacteria resulting from human contact
- Anti-snag boots protects the RJ-45 connector’s lock from being snapped off easily. Ideal for high insertion cycle and ease of access.
- LS0H sheath – low halogen cable sheath emits limited smoke and no halogen even when exposed to high sources of heat

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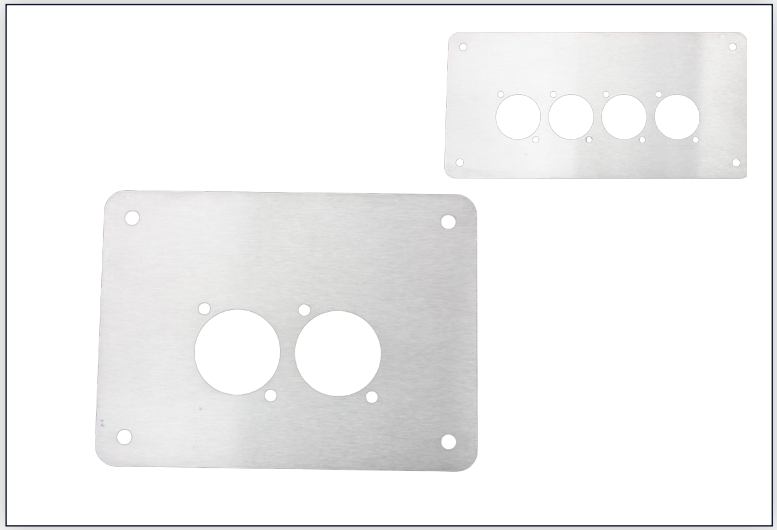
Product Range:
HARSH ENVIRONMENT

Harsh environment jack, wallplate and patch cords, ideal for areas within the hospital that are subjected to vigorous use and cleaning.

WALLPLATES

- Stainless steel wallplates facilitate easy wipe down and mate perfectly with the Molex Cat6A Locking Bulkhead RJ-45 Connector
- Available in multiple port configurations – popular sizes 1, 2, 4 port sizes
- Double Sided - Polished and brushed look combines practicality with aesthetics



RUGGED RJ-45 LOCKING OUTLET

- Ruggedized connector with Cat6A component compliance according to ISO/IEC 11801 and TIA/EIA 568-C.2. Locking function enables secured connection
- Shielded construction protections against EMI and a high interference environment
- IP65 Rated – Molded rubber grommet seals against water/dust ingress

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Product Range:
SMART BUILDING SOLUTION

Connected by safe and flexible Power-over-Ethernet (PoE), CoreSync sensors, lighting and devices help maintain safety, optimize space utilization, and save energy.

SMART HOSPITALS

- Integrated sensor technology to better understand staff, patient and care patterns and respond automatically to personal preferences
- Automatically controls lights and adjusts the color to resonate with natural human biorhythms
- Provide data on utilization of rooms and other equipment
- Single cable to provide both data and electrical connectivity to IP devices, lighting, WAPs and BMS.

PROTECT STAFF AND PATIENTS

- Integrate BioVitae antimicrobial lights to help protect against the spread of bacteria and viruses
- Emergency lighting guides occupants safely to exits in the event of an emergency
- Integrate and control PoE security systems.

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Product Range:
DATA CENTERS

Molex data center products deliver performance and security for high-density data center applications. High quality, robust manufacture ensures durability and long lifecycle through multiple installations

HIGH PERFORMANCE CONNECTIVITY

- Modular platform ideal for consolidation of data center and hospital components
- Inter-operability for speed of replacement
- Shielded platform ideal for data center implementation and horizontal implementation within care facilities
- Reuse - Rethink - Recycle product design philosophy – lifecycle extension and seamless integration – means less down time in data centers and healthcare facilities
- Hybridized Platform allows for quick interchange and spatial efficiency irrespective of Physical Layer topography

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PRODUCT APPLICATION

		ICU Operating Rooms	Critical Care	Patients Rooms	Nurses Station	Diagnostics	Examination Rooms	Physical Therapy Areas	Auditorium/ Conference Rooms	Administration	Data Centre	Food Preparation	Communcations - Physical Layer
Antimicrobial Solution	Antimicrobial Wall Plates	YES	YES	YES	YES	YES	YES	YES					
	Antimicrobial Cat 6a Shielded Patch Cords	YES	YES	YES	YES	YES	YES	YES					
Harsh Environment Solution	IP65 Locking Cat 6a Jack	YES										YES	
	IP65 Locking Cat 6a Patch Cord	YES										YES	
	Locking Cat 6a Anti-Bacterial Patch Cord	YES										YES	
	Stainless Steel Wall Plates	YES										YES	
Cat 6A Shielded Solution	Cat 6A Shielded Cable	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	Cat 6A Shielded Patch Panels - Standard / High Density										YES		YES
	Cat 6A Shielded Jack	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	Cat 6A Shielded Patch Cords								YES	YES	YES		YES
	Cat 6A Shielded Field Termination Plug								YES	YES	YES		YES
	Cat 6A Shielded Consolidation Points	YES	YES	YES	YES	YES	YES	YES	YES	YES		YES	YES
Fiber Optic Solution	Fiber Optic Cables - Indoor	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	Fiber Optic Cables - Outdoor												YES
	Fiber Optic LC Adapters Connectors / Plates		YES	YES	YES	YES	YES	YES	YES	YES	YES		
	Fiber Optic Rack Enclosures - Multi-Function & Xtreme Density												YES
	Fiber Optic Wall Mount Enclosures	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
	Fiber Optic Pre-terminated Cables - Small Form Function	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	Fiber Optic Patch Cords/Cable Assemblies - Standard	YES	YES	YES	YES	YES	YES	YES	YES	YES			
	Fiber Optic Patch Cords/Cable Assemblies - 90 Degree Angle									YES			YES
	Fiber Optic Patch Cords/Cable Assemblies - Locking	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	Fiber Optic Patch Cords/Cable Assemblies - Low Loss									YES			YES
	Fiber Opic Prepolished Pre-Assembled Field Terminated Connectors	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	Fiber Optic High Density MPO/MTP Adapter Plate										YES		YES
	Fiber Optic Modular Splice Cassettes										YES		YES
	Fiber Optic FTTD Solution	YES	YES	YES	YES	YES	YES	YES	YES	YES			
	Fiber Optic MTP Modlink Cassettes & Cables										YES		YES
	Fiber Optic MTP/Small Form Factor Modlink Trunk Cables										YES		YES
	Fiber Optic Consolidation Points	YES	YES	YES	YES	YES	YES	YES	YES	YES			
Cable Manage-ment	Horizontal/Vertical Cable Management										YES		YES
	Cable Management Rings										YES		YES
Other	4 Pair Punch Down Tools	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	Surface Mount Boxes	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	SLT 35 Tester	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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Dependable Solutions for Demanding Environments

Overcome your connectivity challenges today and capture future opportunity with our flexible, high-performance networking solutions and deep market expertise.

FInd your local contact at

molexces.com/contact-us.

creating connections for life

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