

Network Infrastructure Solutions

Network infrastructure is made up of physical hardware and structured cabling that enables network connectivity, internet of things (IoT) integration, communication, operations and management of an enterprise network. It provides the communications pathways, spaces and transmission links between users, processes, applications and services.

This infrastructure creates an interconnected, converged building system supporting multiple subsystems and technology applications for internal and external communications.

Network Infrastructure Components

- Copper cabling and connectivity
- Fiber optic cabling and connectivity
- Racks and enclosures
- Tools, tests and installation
- Cable management and pathways
- Power and thermal management
- Wireless networks



Wesco Infrastructure Solutions Lab

In addition to our broad offerings of products and solutions, our technical experts at the Wesco Infrastructure Solutions Lab can analyze performance and quality across product lines and test for the interoperability of multiple subsystems to help our customers follow state-of-the-art convergence methodology for network infrastructure, video surveillance, access control and data center technologies.

Supplier Partners

Wesco's supplier partners provide solutions designed to connect the world's most important network systems.



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Network Infrastructure Products

Cabling

- Cable assemblies
- Coaxial cable
- Copper UTP/STP cable
- Fiber optic cable
- Power over Ethernet (PoE)
- Sound and security cable

Connectivity

- Adapters
- Cassettes
- Connectors
- Faceplates
- Field terminated connectors
- Patch cords
- Patch panels and pigtails
- Pre-terminated assemblies
- Software
- Termination tools
- Wall mounts

Cabling Management and Routing

- Cable and conduit fasteners
- Conduit boxes, covers, fittings and accessories
- Fiber runway
- Innerduct
- Ladder rack
- Raceway
- Strut
- Trough
- Tubing
- Wire basket
- Wiring duct

Power and

Thermal Management

- Uninterruptible power supply (UPS) systems
- Rack/Floor PDUs
- Busway
- Rack-mount transfer switches
- Rectifiers
- Surge protection
- Line/power conditioners
- Configured power solutions
- Power cords
- Thermal management
 - CRAC units
 - Spot cooling
 - Aisle containment
 - Airflow bafflers
 - Floor tiles
- Environmental monitoring
 - Environment MNTR devices
 - Sensors
 - Retrofit power monitoring
- Software and services
 - Data center infrastructure management
 - Point tools
 - Data center management

Networking

- LAN (including industrial)
 - Switches
 - Media converters
 - Gateways
 - Firewalls
 - Routers
 - Repeaters

• LAN

- Hubs
- Modem
- Bridges
- Transceivers
- SFP
- Network interface cards (NIC)
- Adapters
- Interconnect device (direct attach/active optical cables)
- Server
- KVM
- RFID (barcode scanners)

• WAN

- Routers
- Modems
- CSU/DSU
- Multiplexer
- FTTx

Racks and Enclosures

- Racks
- Frames
- Cabinets
- Zone cable enclosures
- Wireless enclosures
- DVR enclosures
- Accessories
 - Cable managers
 - Panels (top, bottom, side)
 - Filler/blanking panels
 - Cabinet airflow
 - Cabinet heating/cooling
 - Shelves and drawers
 - Doors
 - Mounting rails and hardware
 - Lighting
 - Locks
 - PDU mounting brackets

Wireless

- Broadband and microwave
 - Point-to-point
 - Point-to-multipoint
 - Licenses
 - Radios
- Cabling and connectors
- Distributed antenna systems (DAS)
 - Antennas
 - Coax and connectors
 - Couplers and splitters
 - Fiber
 - Head end
 - Remotes
 - Repeaters/BDAs
- Outdoor macro
 - Base station antenna
 - Hybrid cables
 - Site hardware
 - Towers
- Small cell
 - Access points
 - Accessories
 - Category cable
 - Controllers
 - Software
- Private LTE/CBRS
- Wi-Fi
 - Access points
 - Category cable
 - Controllers
 - Mounts and enclosures

To learn more about our network infrastructure solutions, visit Wesco.com/networks.



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