



Railway Solutions

We build, connect, power, and protect the world.



wesco | anixter

Ingenuity delivered.

Ingenuity delivered.



The Wesco Anixter Difference

Wesco Anixter understands the complexities involved in the deployment of multisite rail projects. By bringing experience, a broad range of products and unparalleled supply chain expertise, Wesco Anixter provides assistance that improves safety, performance and reliability throughout a project's deployment. With a hub-and-spoke warehouse network that can quickly scale from daily operations to quick turnaround deployments, Wesco Anixter provides the flexibility needed to work hand-in-hand with different manufacturers, installers and technical consultants.

Wesco Anixter partners with leading manufacturers to provide rail customers with the highest quality and most innovative products available, including traction power, overhead catenary system cabling (contact wires), grounding wires, signal cables, coaxial cable, fibre and surge protection. Our tailored supply chain management and materials logistics offer kitting and just-in-time deployment to deliver products when, where and how they are needed.

To better serve the transit and rail transportation markets, Wesco Anixter has dedicated teams to support the needs of Class I and passenger rail customers, offering expert product and supply knowledge. Wesco Anixter also has teams to support the needs of specialty railroad and transit contractors and integrators.

Staying Profitable

Maintaining a competitive advantage and profitability in the volatile transit and railway industry requires companies to invest, build, upgrade and develop advanced systems to serve the municipal, commercial and industrial markets. The thousands of miles of transit and railroad tracks that run across the country are vital to the economic support of people and businesses. Essential to the vital networks are the daily maintenance and operating efforts that provide safety and avoid disruption. Working closely with transit operators and major rail networks, the deployment of new initiatives that use the latest products and technologies are necessary to keep rail networks and transit systems running in the most secure and efficient manner.

How We Can Help

Whether you are reducing costs through operational excellence by optimising your supply chain, increasing productivity or working capital efficiencies, or you are advancing your safety practices and security strategies, Wesco Anixter can support you in many areas.

- Fulfill regulatory and sustainability requirements
- Gain financial leverage
- Improve quality
- Increase efficiencies
- Mitigate risk
- Reduce costs

Unmatched Technical Support and Expertise

With years of experience in transit and railway wire and cable products, communication solutions and security technologies, Wesco Anixter's sales specialists and technical experts provide customers with world-class technical resources, products and support. As the only distributor with a dedicated electrical engineering staff, we can help you select electrical and electronic, power, signal and communication cables and security systems that provide system reliability and longevity as well as regulatory compliance. Our technical and engineering expertise includes:

- Cable pulling calculations and recommendations
- Cable sizing to meet environmental and load conditions
- Cable specification development, review or updating
- Codes and standards interpretation
- Custom cable design
- Custom training
- Damage and failure analysis
- Installation and rigging recommendations
- Knowledge of cable chemical resistance and rodent resistance characteristics
- On-site condition assessment, troubleshooting and termination training
- Routing and layout planning

A Full Transit and Railway Product Portfolio for all Your Needs

At Wesco Anixter, we offer the broadest and most complete inventory of transit and rolling stock electrical products in the industry. With electricity being a significant element of operating a transit system, most transit operators are focused on reliability in the electrical system that powers all the various components – vehicles, stations, signals, switches and many other components that create a complete operating system. Our depth and breadth of engineering capabilities, electrical products and Supply Chain Solutions enable us to support your needs, whether they include generating or distributing power, meeting regulatory requirements or daily maintenance.

Transit and rolling stock wire and cable

- Axle counter cable
- Communication cable
- Contact wire
- Copper telecommunications cable
- Dropper cable
- Fibre telecommunication cable
- Grounding wire
- LSZH cable
- Medium voltage cable
- Points heating cable
- Signal cable
- Signal power cable
- Trackfeeder cable
- Transit and rolling stock wire and cable

Security

- Access control
- Door locking hardware
- Fire and intrusion detection products
- Security consoles
- Sound and paging systems
- Storage and servers
- Video surveillance
- Wireless transmission systems

Transit accessories

- Adhesives
- Access control
- Cable cleats
- Cable ties
- Enclosures
- Fasteners
- Fibre connectors
- Grounding
- Hazardous location lighting
- Lighting
- Lugs/glands
- MV termination
- Overhead catenary system hangers
- Pole line hardware (overhead catenary system)
- Rack PDUs
- Security cameras
- Splices
- Switches
- Terminal blocks
- UPS systems
- Vandal-resistant phones

Professional AV

- Control
- Digital signage
- Infrastructure
- Sound and paging

Industrial automation

- Fieldbus connectivity
- Generators
- Industrial copper and Ethernet cabling and connectivity
- Industrial control products
- Industrial Ethernet networking
- Industrial fibre solutions
- Industrial wireless
- Low-voltage products
- Power supplies and power protection
- Reactors
- Semiconductors
- Surge arresters
- Traction converters
- Transformers

Wireless

- Broadband and microwaves
- Distributed antenna systems (DAS)
- Public safety DAS
- Wi-Fi

Connectors, tools and other accessories

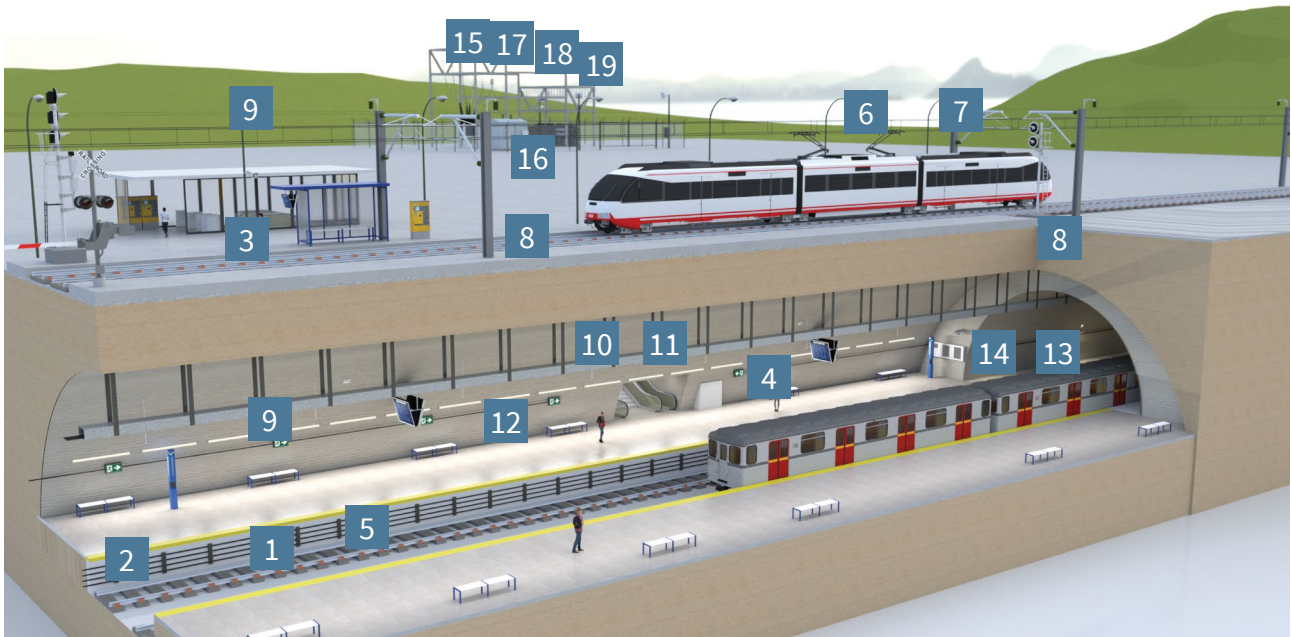
- Cable entry seals
- Cable glands
- Cable marking products
- Cable ties
- Cable trays, hangers, struts
- Compression lugs
- Cord grips: nylon and aluminum
- DIN-rail
- Enclosures: steel and stainless steel
- Ethernet cable terminations
- Personal protection equipment (PPE)
- Terminal blocks
- Terminal tubes
- Termination tools
- Test equipment

Services that Support Your Project Needs

Designed to complete your transit and railway projects on time and under budget, our supply chain solutions include:

- Bill of materials (BOM) management
- Cable tagging, printing, custom labels
- Cut to length based on project BOM
- KPI reporting
- Multisite deployment
- Preassembly and kitting
- Vendor-managed inventory (VMI)

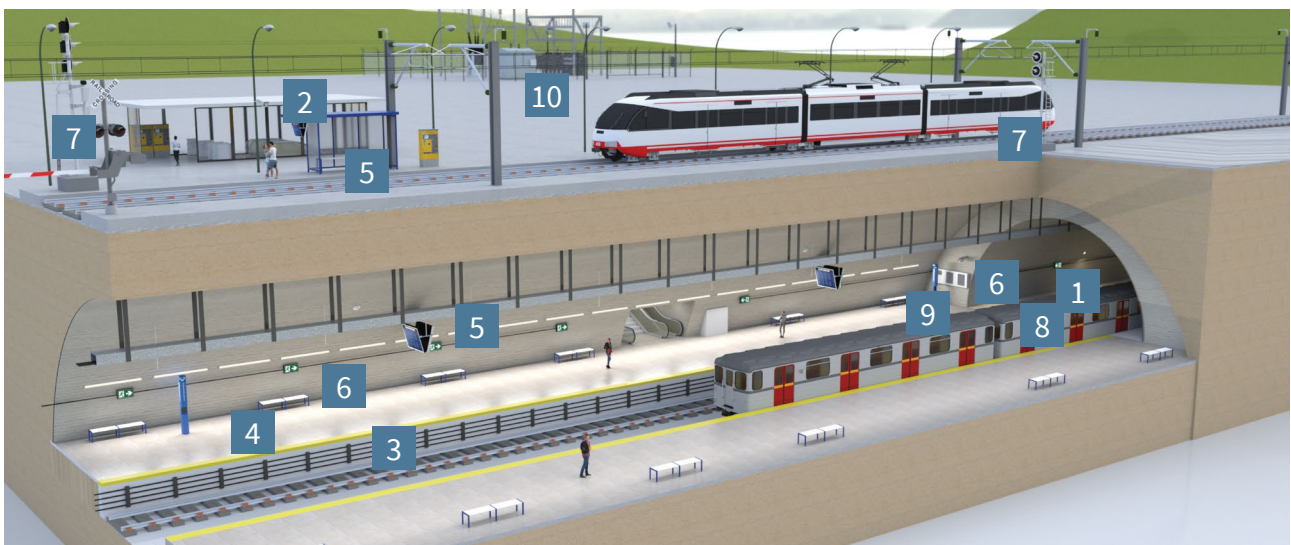
Railway Transit: Power



What We Sell

- | | | | |
|-------------------------|-----------------------|----------------------------------|----------------------|
| 1. Medium-voltage cable | 6. OCS/Messenger wire | 11. Strut and hardware | 15. Substation cable |
| 2. Splices | 7. OCS hardware | 12. Conduit and fittings | 16. Transformer |
| 3. Building wire | 8. Grounding | 13. Tunnel lighting | 17. Lugs |
| 4. Power distribution | 9. Lighting | 14. Low-smoke zero-halogen cable | 18. Termination |
| 5. Traction power cable | 10. Cable tray | | 19. Elbows |

Railway Transit: Communication



What We Sell

- | | | | |
|---------------------------------|----------------------|-----------------|---------------------------|
| 1. Coaxial cable | 4. Camera/Security | 7. Signal wire | 9. Network infrastructure |
| 2. AV solutions | 5. Fibre optic cable | 8. Wireless/DAS | 10. Access control |
| 3. Communication cable (copper) | 6. Fire-rated cable | | |

Applications

Trackside

The application is very complex as this is the heart of a rail system. There are various elements to it that, when put together, allow for a subway, LRT or train to operate.

- Axle counter
- Electrification
- Overhead line (OHL)
- Positive train control
- Signal
- Telecommunications

Infrastructure

A transit system is made up of many components that play a critical role in providing a holistic system. Whether it is substations providing power to electrify the transit line, station platforms or train depots, there is a full product range that can be offered.

- Command centres
- Maintenance depot
- Platforms
- Stations
- Substations

Rolling Stock

Every transit system has some sort of vehicle that moves passengers from point A to point B. Wesco Anixter has everything you need for new vehicle builds to maintenance and repair.

- Buses
- Carriages
- Rail vehicles

Wesco Anixter Supply Chain Solutions:

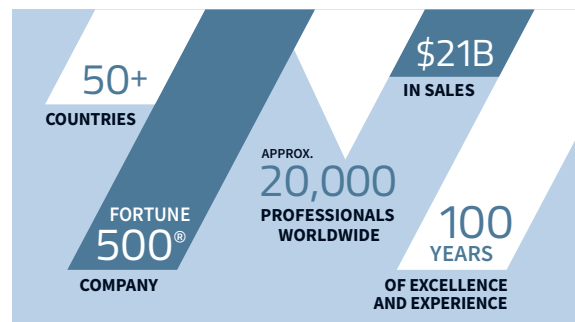
Designed to help you save time, reduce costs, increase efficiency and mitigate risk. We can help you order, receive, store, retrieve and unpack material, as well as send excess packaging to be recycled, diverting it from the jobsite.



Global Reach. Local Advantage.

With Wesco Anixter, you get a true local partner around the world. No other distributor of our kind can claim an in-country presence in approximately 50 countries and in over 300 cities.

We do business in more than 35 currencies and 30 languages, which means we are uniquely positioned to help facilitate your project in the local environment, reduce risks and keep costs down.



For more information on transportation solutions, contact us:

Rail infrastructure: railsales@anixter.com, Rolling rail stock: rail@anixter.com

Visit us at Wesco.com/emea.



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Wesco Anixter Regional Headquarters

Inspired, Easthampstead Road
Bracknell, Berkshire RG12 1YQ
United Kingdom
+44 (0) 1344 388100

Wesco World Headquarters

225 West Station Square Drive, Suite 700
Pittsburgh, PA 15219, USA

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Anixter Limited