ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Railway Communication Network Cabinet IP65 Manufacturer



Overview

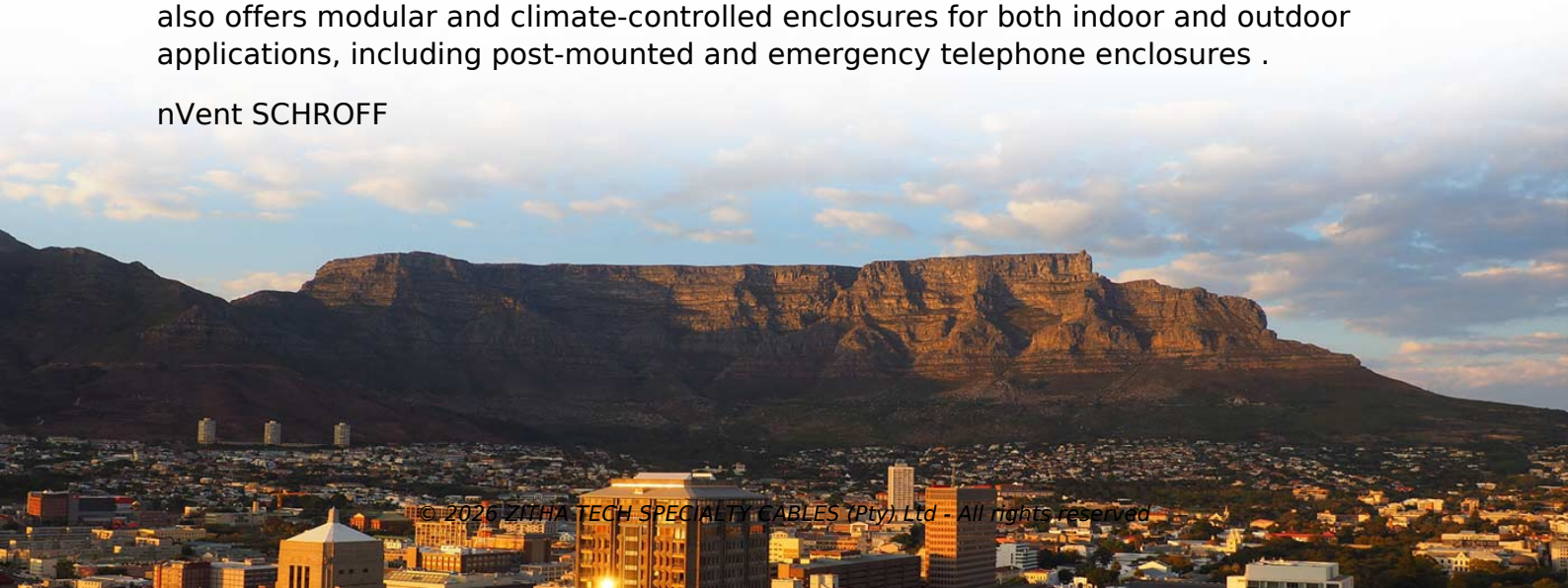
Railway Certified Enclosures | nVentChoose from our range of IP protected indoor and outdoor cabinets as well as wall mount enclosures. Trackside shelters.

Key Takeaways

Leading manufacturers of IP65-rated railway communication cabinets include Cannon Technologies, nVent SCHROFF, Eldapoint Group, and Bison ProFab, offering robust, standards-compliant enclosures for trackside and onboard applications.Cannon Technologies

Cannon Technologies provides IP65-rated cabinets designed for railway communications, signaling, and electrical equipment. Their cabinets feature separate equipment and battery chambers, insulated battery compartments with telescopic shelves, and integrated cooling systems such as 48V DC Peltier solid-state chillers/heaters. They comply with Network Rail Product Specifications and are suitable for GSM-R, FTN, TEC, SISS, CIS, CCTV, and networking equipment. Cannon also offers modular and climate-controlled enclosures for both indoor and outdoor applications, including post-mounted and emergency telephone enclosures .

nVent SCHROFF



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nVent SCHROFF specializes in rail-certified enclosures and subracks for onboard, trackside, and technical room environments. Their IP65 solutions are modular, allowing adaptation to specific railway applications such as CBTC, FRMCS, LTE, and 5G-Metro systems. They emphasize rugged mechanics, shock and vibration resistance, corrosion protection, and optimized cooling, with extensive testing in climate chambers and wind tunnels. nVent SCHROFF cabinets are designed for high reliability in harsh railway conditions and include HF shielding for sensitive electronics .

Eldapoint Group

The Eldapoint Group manufactures Network Rail-approved enclosures for trackside and signaling applications. Their IP65 cabinets and larger Relocatable Equipment Buildings (REBs) protect critical systems such as switchgear, power supplies, and telecom equipment. Eldapoint offers customizable steel and GRP enclosures, modular SER rooms, and portable site offices. They provide turnkey solutions with dedicated project management, ensuring compliance, durability, and ease of access for maintenance .

Bison ProFab

Bison ProFab produces custom and standard IP65 enclosures for railway electronics and instrumentation. Their cabinets are available in aluminum, carbon steel, stainless steel, or galvanized steel, with options for wall-mounted, pole-mounted, pad-mounted, freestanding, or walk-in configurations. Bison emphasizes safety, intrusion prevention, adaptability, and scalability, making their enclosures suitable for wayside controllers, signaling, and communication systems in challenging outdoor environments .

Summary

For railway communication network projects requiring IP65-rated cabinets, these manufacturers provide robust, compliant, and customizable solutions:

• Cannon Technologies – modular, climate-controlled, battery-integrated cabinets

• nVent SCHROFF – rail-certified, shock-resistant, and HF-shielded enclosures

• Eldapoint Group – Network Rail-approved, turnkey enclosures and REBs

• Bison ProFab – flexible material options, scalable and secure outdoor cabinets
These suppliers ensure protection against harsh environmental conditions, maintain uptime for critical systems, and comply with railway standards for trackside and onboard applications.

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Article Content

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Cannon IP65 GSM-R/TEH/FTN Cabinet

Cannon Technologies S102800 / S104800 / S106800 cabinets have been designed to house

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Custom railway trackside cabinets and wayside equipment enclosures fabricated for signaling, telecom. Includes OEM fabrication

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Looking for reliable telecom and electrical cabinets? We are a leading manufacturer from China, offering

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Trackside Cabinets designed and manufactured in the UK by RAINFORD to protect signalling, communications, monitoring and

IP65 16U Air Conditioned Outdoor Field Cabinet

Cytech''s IP65 16U Air Conditioned Outdoor Field Cabinet offers robust protection for sensitive equipment in harsh environments.

Network Cabinets | Telecom & Communication Enclosures | Fulei

As a sheet metal enclosure manufacturer, we provide custom network cabinet fabrication with flexible dimensions, equipment

IP65 enclosure, IP65 box

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Find your ip65 enclosure easily amongst the 344 products from the leading brands (ELMA, BERNSTEIN, RITTAL, ...) on

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IP rated Roadside Cabinets, Data Cabinets, Server Cabinet, Network Cabinets, Server Racks and Wall Mount Data Cabinet

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Our railway trackside cabinets and trackside enclosures provide secure equipment housing for applications including track and

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Can be customized waterproof, dustproof and constant temperature cabinet for special

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Discover AZE''s premium outdoor enclosures designed for superior weatherproof protection and NEMA

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Cabinets & Enclosures With over 20 million enclosures deployed and more than 50 years of innovation, Charles is the

RackOm System | Outdoor IP55 Racks/Cabinet

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Cabinets are sealed up-to IP55- IP65 and are tailor made to suit customers'' specific equipment, including fibre management,

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IP Enclosures offers a 5-year warranty across the full range of electrical enclosures, electrical cabinets and data racks. Tested to

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Bison ProFab is a manufacturer of choice for superior-quality enclosures and cabinets. When designing and building railroad

Railway Certified Subracks, Cabinets and Enclosures

Our wide ranging portfolio includes electrical protection for rail infrastructure and equipment, connection solutions for trackside and

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Network cabinets are designed to organize, protect, and support networking and communication equipment in industrial, commercial,

Cannon IP65 GSM-R/TEH/FTN Cabinet

Cannon Technologies S102800 / S104800 / S106800 cabinets have been designed to house communications, server, electrical and

Outdoor Cabinet | Outdoor Rack | MTS Infonet

Enter IP Rated Outdoor Racks in India from MTS Infonet – the pinnacle of innovation in outdoor network and telecom infrastructure

Server and Network Cabinets | Legrand

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SINGLE SECTION WALL MOUNT CABINET

Norden is the leading SINGLE SECTION WALL MOUNT CABINET - IP 65 manufacturer and supplier in India. Buy SINGLE

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Outdoor Telecom Cabinets: Vanguard® Range

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Our Vanguard® outdoor weatherproof IP Rated (IP54 to IP65) enclosures offer a modular product range in multi bay, multi height

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Discover IP rated (NEMA) outdoor network cabinets designed for superior protection and durability for your

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Network Server Racks 4Cabling''s range of floor standing and wall mount server racks & cabinets offer unprecedented value for

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Electrical Enclosures IP Enclosures'' electrical enclosures are designed to provide reliable protection for low voltage electrical

IP65 Boxes | Boxes, Enclosures, Racks | DigiKey

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Box products are used to contain or enclose materials or equipment in a variety of contexts; plastic or metallic boxes suitable for

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Can be customized waterproof, dustproof and constant temperature cabinet for special industries, R&D, production.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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