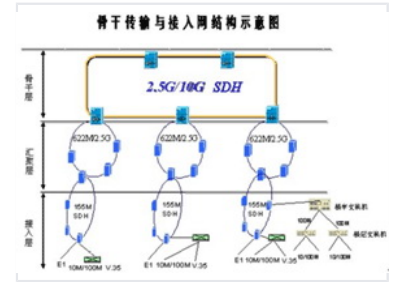


Railway Communication Network

This is a railway communication network. It incorporates SDH technology at various levels, including 2.5G/10G SDH at the backbone layer, 622M/2.5G at the intermediate layer, and 155M SDH at the access layer.



Product Overview

High-Reliability Railway Communication Network

This advanced communication network architecture is designed specifically for demanding railway infrastructure, providing a multi-layered transmission solution. It utilizes Synchronous Digital Hierarchy (SDH) technology to ensure seamless data flow across backbone, intermediate, and access layers. The system is engineered for stability and high availability, supporting diverse interface requirements ranging from high-speed 10G backbones to essential E1 and V.35 terminal connections.

Network Architecture

Network Layers

Network Layer	Capacity / Technology
Backbone Layer	2.5G/10G SDH
Intermediate Layer	622M/2.5G SDH
Access Layer	155M SDH

Supported Interfaces

- E1
- 10M Ethernet
- 100M Ethernet
- V.35

Performance Metrics

Key Performance Metrics

10 Gbps

Maximum Backbone Capacity

155 Mbps

Access Layer Data Rate