

Locomotive Ethernet CAT5e Cable

This cable is designed for railway applications and meets the requirements of international railway standards like DIN 5510-2. It ensures reliable data transmission in demanding industrial settings.



Product Overview

High-Performance Locomotive Ethernet Cable

This CAT5e Ethernet cable is specifically engineered for the rigorous demands of locomotive and railway applications. Featuring a robust shielded construction and LSZH jacket, it ensures reliable data transmission while maintaining excellent resistance to external electromagnetic interference. Designed for safety and durability, the cable meets strict flame resistance standards and operates effectively in extreme temperature environments.

Technical Specifications

Operating Temperature	-40°C to 80°C
Test Voltage	1000 V
Characteristic Impedance	100±15Ω @ 100MHz
Insulation Resistance	e6@m
Min. Bending Radius	8D (Fixed Application)
Reference Standard	DIN5510-2

Construction & Materials

Conductor	Stranded copper wire
Insulation	PE or LSZH
Shielding	AL / Mylar screen and tinned copper wire braid
Jacket	LSZH

Features & Compliance

Key Features	Flame resistant, Halogen free, Low smoke, EMI resistant, CAT5e compliant
Flame Resistance Standard	IEC60332-1