

Shielded Coaxial Cable

Shielded coaxial cables are designed to minimize signal interference. They feature a central conductor, insulation, shielding, and an outer jacket.



Product Overview

Professional Shielded Coaxial Cable

This high-performance shielded coaxial cable is engineered for reliable signal transmission and durability in demanding industrial environments. Featuring excellent moisture-proof and anti-corrosive properties, it is suitable for installation in tunnels or cable trenches. With specialized insulation and robust shielding, it ensures minimal interference and high electrical strength for complex equipment connectivity.

Electrical Specifications

DC Resistance (at 20°C)

148 Ω/m

0.4mm Wire Resistance

95 Ω/m

0.5mm Wire Resistance

Insulation Strength

| Connection Type | Test Voltage | Duration |
|---------------------|--------------|----------|
| Between conductors | 1kV | 1min |
| Conductor to shield | 3kV | 1min |

Insulation Resistance

- Control Cable: >10,000 MΩm
- HYAT Cable: >3,000 MΩm

Working Capacitance

52 nF/km

Performance Standards

Far End Crosstalk Defense

69 dB/km

Cable Comparison

Key Differences

Moisture-proof, Anti-corrosion, Damage-resistant, Tunnel-ready