

# 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 Ωm**

0.4mm Wire Resistance

**95 Ωm**

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