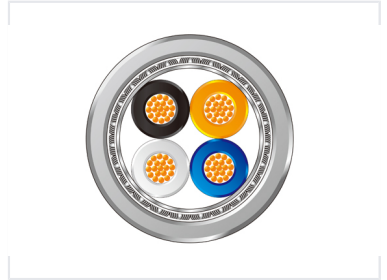


# Shielded Multi-Core Sensor Cable for Data Transmission

This industrial sensor cable supports sensors in monitoring processing data according to production requests. It is suitable for fixed applications and occasional movement where electromagnetic interference is a concern.



## Product Overview

### High-Performance Shielded Sensor Cable

This multi-core sensor cable is engineered for reliable data transmission in demanding industrial environments. Featuring XLPE insulation and a robust AL/Mylar shield with tinned copper braiding, it offers excellent electromagnetic interference (EMI) protection and signal integrity. Designed for both fixed and occasional movement applications, this cable combines flexibility with flame-resistant properties, making it an ideal solution for critical sensor and control systems.

## Technical Parameters

### Test Voltage

**2000 V/min (AC)**

Test Voltage

### Temperature Range

Application	Range
Fixed Application	-40°C ~ 80°C
Occasional Movement	-5°C ~ 80°C

### Minimum Bending Radius

Application	Radius
Fixed Application	4D
Occasional Movement	7.5D

Rated Voltage	300 V
Insulation Resistance (20°C)	e20M@m

## Cable Construction

### Core Color Coding

- 3 Cores: Blue, Brown, Black
- 4 Cores: Blue, Brown, Black, White
- 5 Cores: Blue, Brown, Black, White, Green-Yellow

Conductor Material	Stranded bare copper
Insulation Material	XLPE
Shielding	AL/Mylar Screen, Tinned Copper Braiding, Tinned Copper Drain Wire
Outer Jacket	PVC (Grey, RAL 7001)

## Features

### Key Features

Flame Resistant (IEC60332-1) • EMI Protected • Flexible • Reduced Shrinkage