

12-Core LSZH Flexible Control Cable, 12x0.75mm², 300/500V

This 12-core control cable is designed for environments where fire safety is critical, minimizing smoke and toxic fume emission. It is suitable for flexible use in control equipment, assembly lines, and computer units, even in medium mechanical stress conditions.



ADDITIONAL IMAGES



Product Overview

High-Safety Flexible Control Cable

This 12-core flexible control cable is engineered for safety-critical environments where fire, smoke emission, and toxic fumes pose risks. Featuring LSZH insulation and flexible copper conductors, it is ideal for measurement, control, and regulation systems in assembly lines and production facilities. The cable provides reliable performance in both dry and damp indoor conditions, and can be used outdoors when protected from direct sunlight.

Technical Specifications

Voltage Rating

300 V

Min Voltage

500 V

Max Voltage

Core Configuration	12 cores x 0.75mm ²
Conductor Material	Class 5 flexible plain copper
Insulation	XLPE (Cross-Linked Polyethylene)
Jacket Material	LSZH (Low Smoke Zero Halogen)

Compliance & Standards

Applicable Standards

- BS6500
- VDE0250
- IEC 60332-3
- IEC 60754-1
- BS EN 60228:2005

Usage & Environment

Environment Suitability

Indoor (Dry) • Indoor (Damp) • Outdoor (Protected)

Suitable Applications

Control Equipment, Assembly Lines, Conveyors, Computer Units, Instrumentation