

PART NO. 320512FS

LIY(St)Y Signal Control Cable, 12 x 0.5 mm²

Detailed Specifications & Technical Data

CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Screen
6 Outer Jacket

CABLE CONSTRUCTION

Conductor	: Stranded electrolytic copper conductor (Class 5) (IEC 60228, EN 60228, DIN VDE 0295)
Insulation	: PVC (TS IEC 60189-2, EN 50290-2-21) (DIN 47100)
Stranding	: In layers
Wrapping	: Polyester tape
Screen	: Tinned copper earthing wire, Al/PET tape
Outer Jacket	: UV resistant PVC outer jacket. RAL 7035 (Grey)

TECHNICAL DATA

Cross Section	: 0.50 mm²
Conductor Resistance (20 °C) Ω/km	: 39.0
Insulation Resistance (20 °C) MΩ/km	: 20
Mutual Capacitance nF/km	: 120
Operating Voltage V DC	: 300/500
Test Voltage (@ 1 minute) V DC	: 2000

STANDARDS

Flame Retardancy Test	: IEC 60332-1-2, VDE 0482-332-1-2, BS EN 60332-1-2

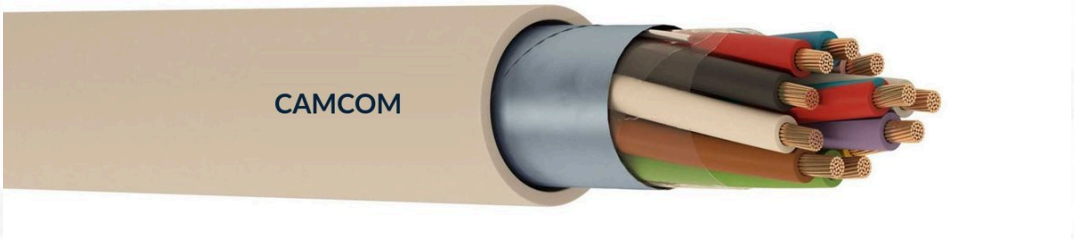
MECHANICAL CHARACTERISTICS

Bending Radius	: 7.5xD mm
Temperature Range Operating	: -30°C ~ +70°C

CABLE TYPE DATA

CAMCOM Part No.	Conductor Count	Pair Count	Conductor Cross-section (mm²)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
320512FS	12	–	0.5	9.4	55	124	100/500/1000

PRODUCT VIEW



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Disclaimer :- Datasheet is subject to modification without prior notication

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