

PART NO. 320550ISB

LIY(St)YSWBY-PiMF/TiMF Signal Control Cable, 0.50 mm²

Detailed Specifications & Technical Data

CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Individual Wrapping
5 Individual Screen
6 Wrapping
7 Screen
8 Inner 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	: Screened pairs or triads are stranded in layers.
Individual Wrapping	: Polyester tape
Individual Screen	: Tinned copper earthing wire, Al/PET tape
Wrapping	: Polyester tape
Screen	: Tinned copper earthing wire, Al/PET tape
Inner Jacket	: UV resistant PVC inner jacket. RAL 7035 (Grey)
Armor	: Galvanized steel wire braiding
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 Size / Type
320550ISB	0.50 mm²

PRODUCT VIEW



Camcom is proud to be certified by

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Designed in Netherlands & Produced Globally.

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Disclamer :- Datasheet is subject to modification without prior notication

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