

PART NO. 330553IBE

LI2Y(St)CH-PiMF/TiMF Signal Control Cable, 3 x 2 x 0.5 mm²

Detailed Specifications & Technical Data

CROSS SECTION



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

CABLE CONSTRUCTION

Conductor	: Stranded electrolytic copper conductor (Class 5) (IEC 60228, EN 60228, DIN VDE 0295)
Insulation	: Solid polyethylene (EN 50290-2-23, BS 6234 Type 03 – ASTM D 1248) (DIN 47100)
Individual Wrapping	: Polyester tape
Individual Screen	: Tinned copper earthing wire, Al/PET tape
Stranding	: Screened pairs or triads are stranded in layers
Wrapping	: Polyester tape
Screen	: Al/PET tape, tinned copper braiding
Outer Jacket	: UV resistant halogen-free 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	: 5000
Mutual Capacitance nF/km	: 120
Operating Voltage V DC	: 300/500
Test Voltage (@ 1 minute) V DC	: 2000

STANDARDS

Smoke Density Test	: IEC 61034-2, VDE 0482-1034-2, BS EN 61034-2
Corrosive Gas Test	: IEC 60754-2, VDE 0482-267-2-3, BS EN 50267-2-3
Halogen-free Test	: IEC 60754-1, VDE 0482-267-2-1, BS EN 50267-2-1
Flame Propagation Test	: IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-2-24
Flame Retardancy Test	: IEC 60332-1-2, VDE 0482-332-1-2, BS EN 60332-1-2

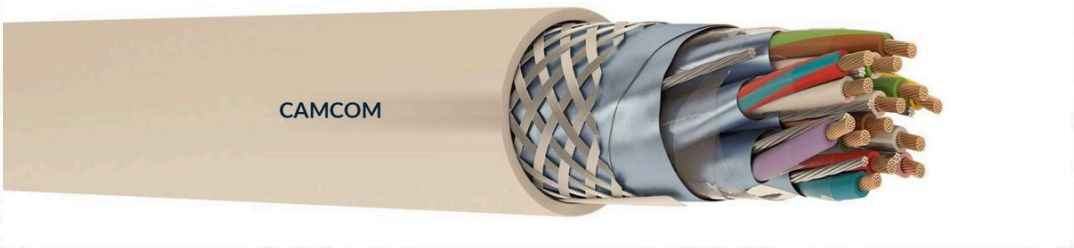
MECHANICAL CHARACTERISTICS

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)
330553IBE	–	3	0.5	11	63.1	112	100/500/1000

PRODUCT VIEW



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Designed in Netherlands & Produced Globally.

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Disclaimer :- Datasheet is subject to modification without prior notication

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