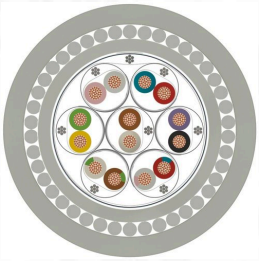


PART NO. 331050ISP

LI2Y(St)HSWAH-PiMF/TiMF Signal Control Cable, 1.00 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	: Solid polyethylene (EN 50290-2-23, BS 6234 Type 03 – ASTM D 1248) (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 halogen-free inner jacket. RAL 7035 (Grey)
Armor	: Galvanized steel wire armor, polyester tape
Outer Jacket	: UV resistant halogen-free outer jacket. RAL 7035 (Grey)

TECHNICAL DATA

Cross Section	: 1.00 mm²
Conductor Resistance (20 °C) Ω/km	: 19.5
Insulation Resistance (20 °C) MΩ/km	: 5000
Mutual Capacitance nF/km	: 130
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

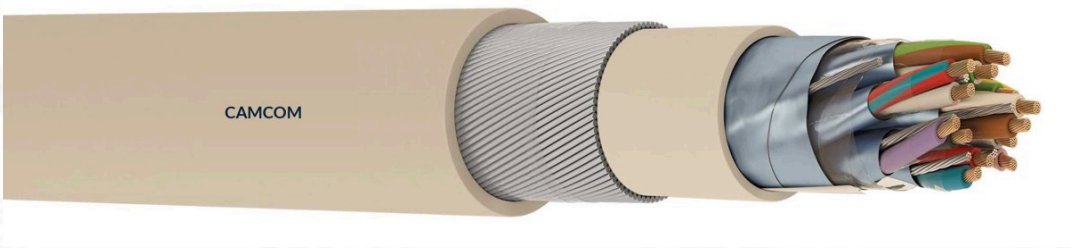
MECHANICAL CHARACTERISTICS

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

CABLE TYPE DATA

CAMCOM Part No.	Conductor Size / Type
331050ISP	1.00 mm²

PRODUCT VIEW



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