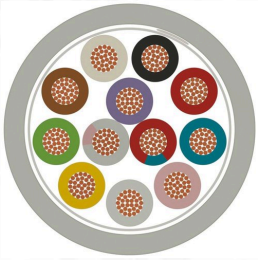


PART NO. 338109UN

LIHH Signal Control Cable, 9 x 10 mm²

Detailed Specifications & Technical Data

CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Outer Jacket

CABLE CONSTRUCTION

Conductor	: Stranded electrolytic copper conductor (Class 5) (IEC 60228, EN 60228, DIN VDE 0295)
Insulation	: Halogen-free (TS IEC 60189-2, EN 50290-2-26) (DIN 47100)
Stranding	: In layers
Wrapping	: Polyester tape
Outer Jacket	: UV resistant halogen-free outer jacket. RAL 7035 (Grey)

MECHANICAL CHARACTERISTICS

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

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

TECHNICAL DATA

Cross Section	Conductor Resistance (20 °C) Ω/km	Insulation Resistance (20 °C) MΩ/km	Mutual Capacitance nF/km	Operating Voltage V DC	Test Voltage (@ 1 minute) V DC
0.22 mm²	85.0	200	110	250	1200
0.25 mm²	77.8	200	110	250	1200
0.34 mm²	56.0	200	110	250	1200
0.50 mm²	39.0	20	120	300/500	2000
0.75 mm²	26.0	20	120	300/500	2000
1.00 mm²	19.5	20	130	300/500	2000
1.50 mm²	13.3	20	140	300/500	2000
2.50 mm²	7.98	20	150	300/500	2000

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)
338109UN	9	–	10	24.4	801	1081	100/500/1000

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Disclamer :- Datasheet is subject to modification without prior notication

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