

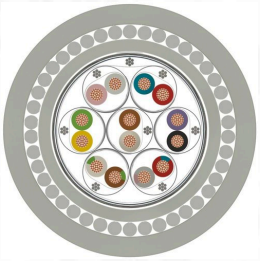
# PART NO. 331050IBA

LIH(St)CHSWAH-PiMF/TiMF Signal Control Cable, 1.00 mm²

CAMCOM™

## 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 | : Halogen-free (TS IEC 60189-2, EN 50290-2-26) (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 | : Al/PET tape, tinned copper braiding |
| 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 | : 20 |
| 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 |

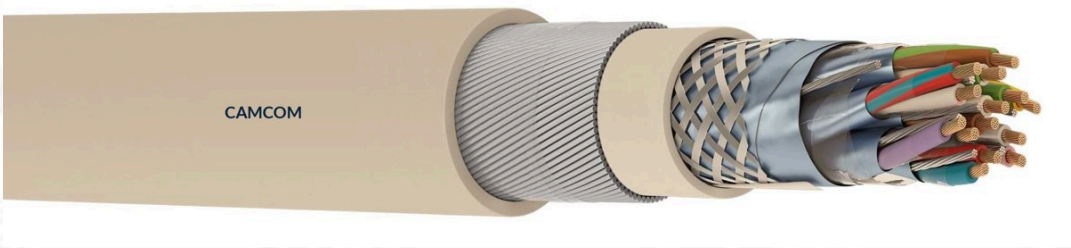
### MECHANICAL CHARACTERISTICS

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

### CABLE TYPE DATA

| CAMCOM Part No. | Conductor Size / Type |
|---|---|
| 331050IBA | 1.00 mm² |

### PRODUCT VIEW

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Disclaimer :- Datasheet is subject to modification without prior notication

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