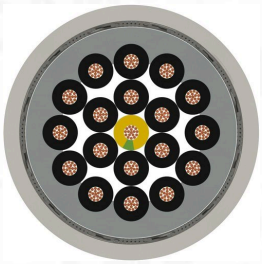


PART NO. 231027BSI

HSLHCH-JZ Control Cable, 27 x 1 mm²

Detailed Specifications & Technical Data

CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Inner Jacket
5 Screen
6 Outer Jacket

CABLE CONSTRUCTION

Conductor	: Stranded electrolytic annealed copper conductor (Class 5) (IEC 60228, EN 60228, DIN VDE 0295)
Insulation	: Halogen-free (DIN VDE 0207, EN 50363-3, TS EN 50290-2-26 TI2), Black insulation, white number coded and a Y/G insulation (DIN VDE 0293, TS EN 50334)
Stranding	: In layers
Inner Jacket	: UV resistant halogen-free inner jacket (TS EN 50290-2-27). RAL 7001 (Grey)
Screen	: Tinned copper braiding
Outer Jacket	: UV resistant halogen-free outer jacket (TS EN 50290-2-27). RAL 7001 (Grey)

TECHNICAL DATA

Cross Section	: 1.00 mm²
Conductor Resistance Ω/km (20 °C)	: 19.5
Insulation Resistance (@500V DC) MΩ/km	: 20
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 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	Conductor Cross-section (mm²)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
231027BSI	27	1	17.8	304.2	539	100/500/1000

PRODUCT VIEW



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Disclamer :- Datasheet is subject to modification without prior notication

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