


# PART NO. 231005BSF

Flex-CH-JZ 0.6/1kV Control Cable, 5 x 1 mm²

CAMCOM™

## 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 (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 MΩ/km | : 20 |
| Current Carrying Capacity A | : 15 |
| Test Voltage V (DC, 1 minute) | : 4000 |
| Operating Voltage V DC | : 600/1000 |

### STANDARDS

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

### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Bending Radius | : 10xD 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) |
|---|---|---|---|---|---|---|
| 231005BSF | 5 | 1 | 11.7 | 60.5 | 204 | 100/500/1000 |

### PRODUCT VIEW




**Camcom** is proud to be certified by

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Disclamer :- Datasheet is subject to modification without prior notication

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