

# JB-750-GELB

as a warning indication



HELUKABEL® JB-750-GELB 5G2,5 QMM / 10339 450/750 V C€

## TECHNICAL DATA

PVC control cable in alignment with DIN VDE 0285-525-2-11 / DIN EN 50525-2-11

|                        |   |
|------------------------|---|
| Temperature range      | flexible -15°C to +80°C<br>fixed -40°C to +80°C |
| Nominal voltage        | AC U <sub>0</sub> /U 450/750 V                  |
| Test voltage core/core | 4000 V  |
| Breakdown voltage      | 8000 V  |
| Minimum bending radius | flexible 7.5x Outer-Ø<br>fixed 4x Outer-Ø       |

## CABLE STRUCTURE

- Copper wire bare, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Core insulation: PVC acc. to DIN VDE 0207-363-3 / DIN EN 50363-3 (compound type T12)
- Core identification acc. to DIN VDE 0293-308, colour coded
- G = with protective conductor GN-YE
- Cores stranded with optimal lay lengths
- Outer sheath: PVC acc. to DIN VDE 0207-363-4-1 / DIN EN 50363-4-1 (compound type TM2)
- Sheath colour: yellow (RAL 1016)
- Length marking: in metres

## PROPERTIES

- largely resistant to: oil,  
for details, see "Technical Information"
- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

## TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
- certifications and approvals:  
EAC

## APPLICATION

Used for flexible applications involving medium mechanical stress with free movement, without tensile stress and without forced motion control in dry, damp and wet rooms, however, not suitable for outdoor use. Used as a control cable with a yellow outer sheath as a special warning indication. Recommendation following EN 60204 Part 1 or DIN VDE 0113 Part 1.

## NOTES

- the conductor is metrically (mm<sup>2</sup>) constructed, AWG numbers are approximated, and are for reference only

| Part no. | No. cores x cross-sec. mm <sup>2</sup> | AWG, approx. | Outer Ø mm, approx. | Cu factor per km | Weight kg/km, approx. |
|----------|--|--------------|---------------------|------------------|-----------------------|
| 10334    | 3 G 1.5                                | 16           | 7.8                 | 43.0             | 100.0                 |
| 10335    | 4 G 1.5                                | 16           | 8.5                 | 58.0             | 121.0                 |
| 10336    | 5 G 1.5                                | 16           | 9.6                 | 72.0             | 148.0                 |

| Part no. | No. cores x cross-sec. mm <sup>2</sup> | AWG, approx. | Outer Ø mm, approx. | Cu factor per km | Weight kg/km, approx. |
|----------|--|--------------|---------------------|------------------|-----------------------|
| 10337    | 3 G 2.5                                | 14           | 9.3                 | 72.0             | 154.0                 |
| 10338    | 4 G 2.5                                | 14           | 10.2                | 96.0             | 208.0                 |
| 10339    | 5 G 2.5                                | 14           | 11.4                | 120.0            | 229.0                 |