

JB-750 yellow flexible, colour coded, 750V, connection cable for warning indication



HELUKABEL JB-750 4G2,5 QMM / 10338 450/750 V 001041433

CC



Technical data

- Special PVC as connection cable for warning indication
- Requirements adapted to 0281 part 5, HD 21.5 and IEC 60227/5 type 227 IEC 57
- **Temperature range**
flexing -5°C to +80°C
fixed installation -40°C to +80°C
- **Nominal voltage** U₀/U 450/750 V
- **Test voltage** 4000 V
- **Breakdown voltage** min. 8000 V
- **Insulation resistance**
min. 20 MΩm x km
- **Minimum bending radius**
flexing 7,5x cable Ø
fixed installation 4x cable Ø
- **Radiation resistance**
up to 80x10⁶ cJ/kg (up to 80 Mrad)

Cable construction

- Bare copper, fine wire conductors, to DIN VDE 0295 cl. 5, BS 6360 cl. 5 and IEC 60228 cl. 5
- Special PVC core insulation TI2, to DIN VDE 0281 part 1
- Cores colour coded to DIN VDE 0293
- Green-yellow earth core: 3 cores and above
- Cores stranded in layers with optimal lay-length
- Special PVC outer sheath TM2, to DIN VDE 0281 part 1
- Colour yellow (RAL 1016)

Properties

- Extensively oil resistant
Chemical Resistance - see table Technical Informations
- PVC self-extinguishing and flame retardant according to DIN VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- G = with green-yellow earth core.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

These cables are used for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air, as connection cable with yellow outer sheath as a special warning indication. Recommendation in adapted to EN 60204 part 1 and DIN VDE 0113 part 1.

CE = The product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
10334	3 G 1,5	8,1	43,0	100,0	16
10335	4 G 1,5	9,0	58,0	121,0	16
10336	5 G 1,5	10,0	72,0	148,0	16

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
10337	3 G 2,5	10,1	72,0	154,0	14
10338	4 G 2,5	11,0	96,0	208,0	14
10339	5 G 2,5	12,3	120,0	229,0	14

Dimensions and specifications may be changed without prior notice.