



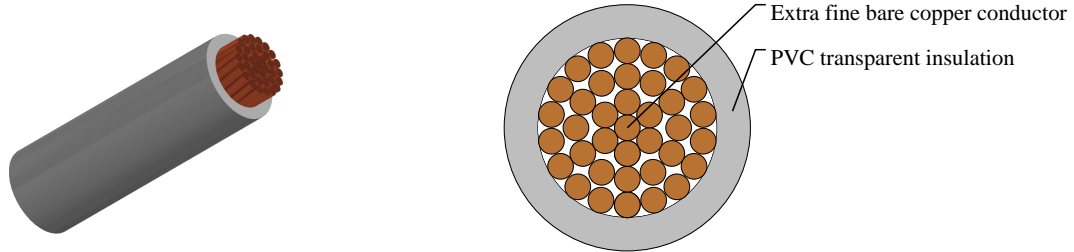
Caledonian

Industrial Cables (German Standard)

www.caledonian-cables.com

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H00V-D (ESY type)



APPLICATIONS

These high flexible earth conductors are used for earthing of portable equipment and short circuiting. These cables perform a protective function in the live repair of high voltage power supply in railway systems, failing current equipment, alternating current systems and in networks of transmission and distribution. Because of that these are designated as safety cables. These earthing cables offer special characteristics with low weights, high flexibility to a wide temperature range and the behavior in high temperature. The protective overall PVC jacket assure essential function for proper protection against mechanical and chemical stresses.

STANDARDS

EN 61138

VDE-0283 Part-3

DIN 46438 & DIN 46440

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Extra fine bare copper strands
- Strands to DIN VDE 0295, BS 6360, IEC 60228 and HD 383
- PVC transparent jacket TM2
- High stress resistance
- Spark Test 6, 4 & 2 AWG: 5000V
- Spark Test 1 & 2/0 AWG: 6000V
- Spark Test 3/0 - 500 MCM: 8000V

COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293-308

Single core - Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Minimal bending radius: 12.0 x Ø



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- Temperature range: -5° C to +70° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

DIMENSION AND PARAMETERS

No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No. × mm ²		mm	mm	kg/km	kg/km
1 x 120	4/0(3822/32)	2.8	22.8	1152	1320