Caledonian

Industrial Cables (Italian Standard)

www.caledonian-cables.com marketing@caledonian-cables.com

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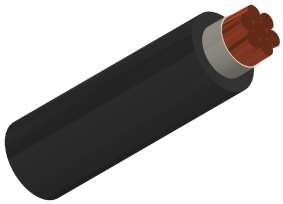

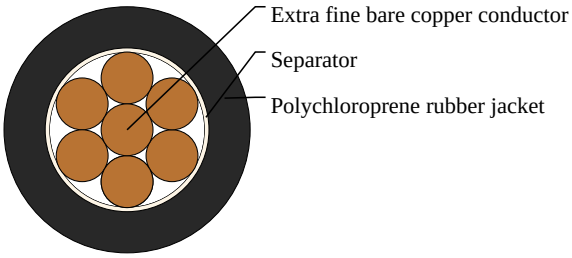

APPLICATIONS

These cables are used as a connection between the welding generator, the hand-electrode and the work piece. For use in the automobile industry, ship building, transport and conveyor systems, tool making machinery, welding robots etc. These cables retain their high flexibility even under influence of ozone, light, oxygen, protective gases, oil and petrol. Robust cable structure of these cables makes them resistant to low and high temperature, fire, ozone and radiation, oils, acids, fats and petrols. These cables are also ideal for outside installation in dry, moist and wet areas.

STANDARDS

CEI 20-22 II, CEI 20-38, HD22.6 S2
IEC 60332.3, IEC 60754.1

VOLTAGE RATING

100/100V

CABLE CONSTRUCTION

- Extra fine bare copper strands
- Strands to DIN VDE 0295, BS 6360, IEC 60228 and HD 383
- Strands to VDE-0295 as listed below
- Synthetic or paper separator over core
- Polychloroprene rubber (neoprene) jacket EM5

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: 1000 volts
- Flexing bending radius: 12.0 x Ø
- Fixed bending radius: 7.5 x Ø
- Flexing temperature: -25º C to +80º C
- Fixed temperature: -40º C to +80º C

- Flame retardant: IEC 60332.1

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Nominal Insulation Thickness	Overall Diameter (min.)	Overall Diameter (max.)	Nominal Copper Weight	Approx. Weight
No.×mm²		mm	mm	mm	kg/km	kg/km
1 x 35	2(1120/32)	2.0	11.4	14.2	336	420