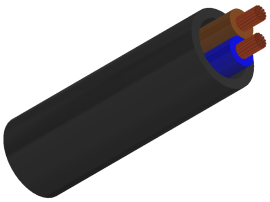
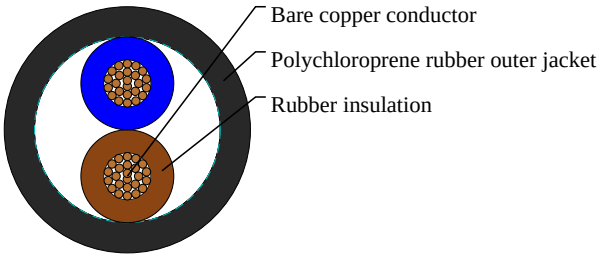
Caledonian

Industrial Cables (German Standard)

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

H05RR-F





APPLICATIONS

These cables are flexible rubber insulated; rubber jacketed harmonized cord, recommended for use in equipment, which is subject to light and medium stresses in both dry and damp environments. For use with electronics and electrical equipment such as appliances, small hand tools and office equipment They can be found in flat irons, soldering irons, kitchen aids, toasters, stoves and in connections with light commercial electric tools. Also suitable for fixed installation in furniture, decorative coverings, wall partitions and prefabricated building parts. Max operating voltage in single or three phase system is Uo/U 300/500 volts. In a direct current system max operating voltage is Uo/U 413/825 volts. Outdoor use is permitted only for a short time. They are ozone resistant, oil & fat resistant.

STANDARDS

HD 22.4 S3
VDE-0282 Part-4
IEC 60245-4
ROHS compliant

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- Rubber core insulation EI4 to VDE-0282 Part-1
- Green-yellow grounding, 3 conductors and above
- Polychloroprene rubber (neoprene) jacket EM3

COLOUR CODE

Insulation Colour Code
Colour coded to VDE 0293-308 and HD 186
2 cores - Brown + Blue

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts

- Flexing bending radius: 8 x Ø
- Fixed bending radius: 6 x Ø
- Temperature range: -30º C to +60º C
- Short circuit temperature: +200 º 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	Nominal Sheath Thickness	Overall Diameter (min.)	Overall Diameter (max.)	Nominal Copper Weight	Approx. Weight
No.×mm²		mm	mm	mm	mm	kg/km	kg/km
2 x 0.75	18(24/32)	0.6	0.8	5.7	7.4	14.4	61