Caledonian

Industrial Cables (German Standard)

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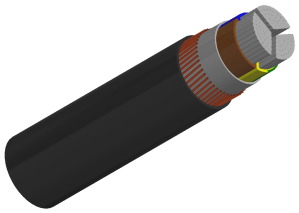
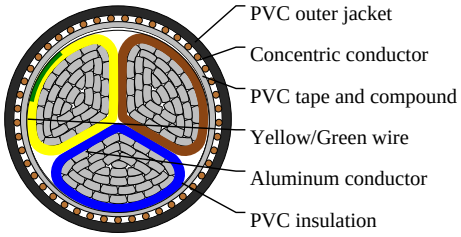
NAYCY





APPLICATIONS

NAYCY is used in power plants, industrial and switching installations, for street lighting, domestic power supply connections, in secondary distribution networks and other. These cables are preferentially used for underground application as well as for interior installation in room and cable ducts and for outdoor and applications, for indoor installations, in the open air, underground and in water where greater mechanical protection against accidental contact is required if damaged.

STANDARDS

VDE 0276 part 603
IEC 60502

VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

- Shaped stranded conductor, aluminium conductor
- VDE 0295 cl. 2(sector shaped), BS 6360/IEC 60228 cl. 2
- PVC insulation type DIV4 acc. VDE0276
- Tapes and PVC compound inner sheath
- Concentric conductor: Copper wires and copper tapes
- PVC outer sheath type DMV5 acc. VDE 0276

COLOUR CODE

Insulation Colour Code
Color coded to DIN VDE 0293
3 cores (G) - Green-Yellow + Brown + Blue

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 4000 volts
- Minimum bending radius: 12 x Ø
- Flexing temperature: -5º C to +50º C
- Fixed installation temperature: - 30º C to +70º C
- Short circuit temperature: +160º C

- Flame-retardant to DIN VDE 0472 part 804 class B/IEC 60332-1
- Insulation resistance: >20 MΩ x km

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Concentric conductor size	Approx. Overall Diameter	Nominal Copper Weight	Aluminium Weight	Approx. Weight
No.×mm²		mm²	mm	kg/km	kg/km	kg/km
3x70	2/0	35	33.1	236	584	1489