



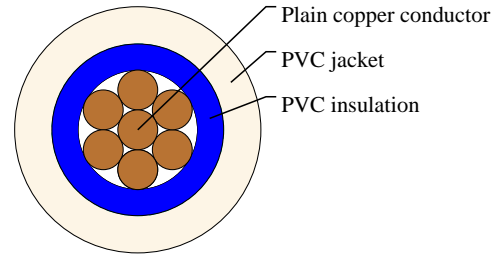
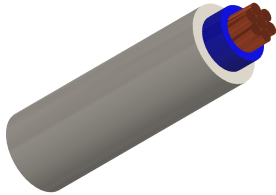
# Caledonian

Industrial Cables (German Standard)

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## NYM



## APPLICATIONS

NYM is suitable for industrial and home applications. It is designed for dry, moist and wet open areas as well as under plaster, walling and concrete. However, it is not recommended to lay the cable into the compacted concrete. Outer application is permitted only in the case that cable is not exposed to direct sunlights.

## STANDARDS

DIN VDE 0250

VDE 0482-332-1-2

DIN EN 60332-1-2 / IEC 60332-1

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Stranded, plain copper conductor
- to DIN VDE 0295 cl. 2, BS 6360 cl. 2 and IEC 60228 cl. 2
- PVC insulation TI1 to DIN VDE 0281 part 1
- Conductors stranded in layer
- High flexible PVC outer jacket type TM1, according to DIN VDE 0281 part 1

## COLOUR CODE

Insulation Colour Code

Color coded to DIN 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
- Minimum bending radius:  $4 \times \varnothing$
- Flexing temperature:  $+5^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Fixed installation temperature:  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Flame retardant: IEC 60332.1
- Insulation resistance:  $>20\text{ M}\Omega \times \text{km}$

## DIMENSION AND PARAMETERS



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No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No.×mm <sup>2</sup>		mm	mm	mm	kg/km	kg/km
1 x 25	4(7/12)	1.4	2.0	12	240	325