



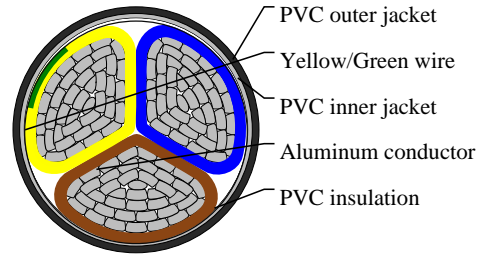
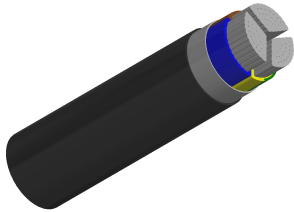
# Caledonian

Industrial Cables (German Standard)

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

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## NAYY-J



## APPLICATIONS

NAYY is used in power plants industrial and switching installations, in secondary distribution networks and other. These cables are preferentially used in outdoor applications, for indoor installations, in the open air, underground and in water where mechanical damage is not anticipated

## 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. VDE0207
- PVC compound inner sheath
- PVC outer sheath type DMV5 acc. VDE 0207

## 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: -5° C to +50° C
- Fixed installation temperature: - 30° C to +70° C
- Short circuit temperature: +160° C
- Flame-retardant to DIN VDE 0472 part 804 class B/IEC 60332-1

## DIMENSION AND PARAMETERS



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No. of Cores × Cross-sectional Area	AWG Size	Approx. Overall Diameter	Aluminium Weight	Approx. Weight
No. × mm <sup>2</sup>		mm	kg/km	kg/km
3x240	500MCM	51.1	2071	3693