



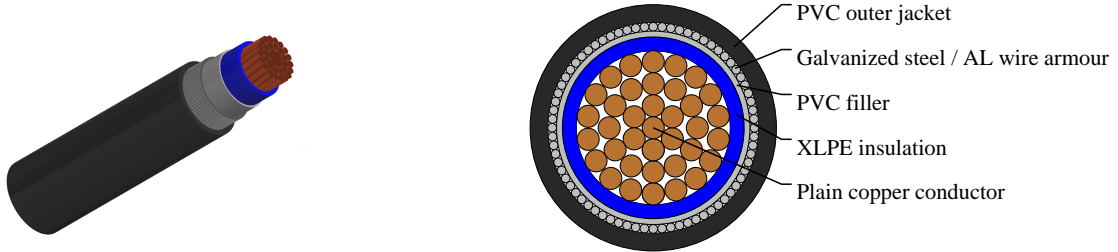
Caledonian

Industrial Cables (German Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

N2XRY



APPLICATIONS

N2XRY is used for indoor, outdoor and underground installation in ducts and in the open where better mechanical protection is required, or for higher tensile stress during installation and operation. Suitable for comparatively high ambient temperature due to high maximum permissible conductor temperature.

STANDARDS

IEC 60502-1

VDE 0276-604

BS 5467

VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

- Stranded, plain copper conductor
- to DIN VDE 0295 cl. 2, BS 6360 cl. 2 and IEC 60228 cl. 2
- Cross-linked polyethylene 2X11 acc. to VDE 0276-604
- PVC filler
- Galvanized round steel / aluminum wire armour
- PVC outer jacket DMV5 to HD 603.1

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: 3500 volts
- Minimum bending radius: 15 x Ø
- Flexing temperature: -5° C to +70° C
- Fixed installation temperature: - 30° C to +70° C
- Short circuit temperature: +250° C
- Flame retardant: IEC 60332.1



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- Insulation resistance: >20 MΩ x km

DIMENSION AND PARAMETERS

| No. of Cores × Cross- sectional Area | AWG Size | Nominal Insulation Thickness | Nominal Sheath Thickness | Approx. Overall Diameter | Approx. Weight |
|--|----------|------------------------------------|-----------------------------|-----------------------------|----------------|
| No. × mm ² | | mm | mm | mm | kg/km |
| 1x150 | 300MCM | 1.4 | 1.8 | 27.5 | 1872 |