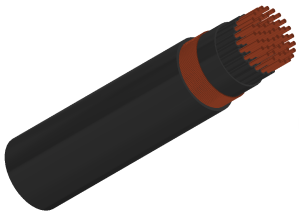
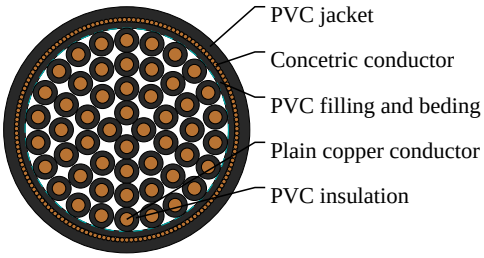
Caledonian

Industrial Cables (German Standard)

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

NYCY





APPLICATIONS

NYCY cables are 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 an protection against accidental contact is required if damaged.

STANDARDS

VDE 0276 part 627
CENELEC HD627 S1
IEC 60502

VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

- Solid plain copper conductor
- to DIN VDE 0295 cl. 1 and IEC 60228 cl. 1
- PVC insulation DIV4 to HD 603.1
- PVC filling and bedding
- Concentric conductor: copper wires and helical copper tape
- PVC outer jacket DMV5 to HD 603.1

COLOUR CODE

Insulation Colour Code
Color coded to DIN VDE 0293-308, 0276 part 603 or HD 186
52 cores - black numbered

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 4000 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 12 x Ø
- Flexing temperature: -5º C to +50º C

- Fixed installation temperature: - 40º C to +70º C
- Short circuit temperature: +160º C
- Flame retardant: IEC 60332.1
- Insulation resistance: >100 MΩ x km

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No.×mm²		mm	kg/km	kg/km
52 x 2.5	14	38	1368	2500