



## (N)YCY

Medium voltage cable 3,6/6 kV with copper (Cu) conductor, PVC insulated and sheathed

### APPLICATION

Medium voltage cable for outdoor installation, with protection against direct UV radiation, suitable for installation in ground, water, cable ducts, and concrete. It is intended for use in conditions where there is a risk of mechanical damage, but not for continuous mechanical stress or higher tensile loads.

The concentric conductor may be used as a neutral, protective, or earthing conductor. In the event of insulation damage caused by external metallic objects, it provides protection against touch voltage.

### CONSTRUCTION

**Conductor:** Copper, class 2, according to EN 60228

**Bedding:** Extruded elastomere or plastomere compound or plastic tape

**Concentric conductor:** Copper wires with counter-helical copper tape

**Sheath:** PVC compound, red, UV resistant

### TECHNICAL CHARACTERISTICS

Voltage rating ( $U_0/U$ ): 3,6/6 kV

Test voltage: 11 kV

Minimum installation temperature: -5 °C

Maximum operating temperature: 70 °C

Maximum short-circuit temperature: 160 °C

Minimum bending radius: 15 D (D = outer diameter)

Flame propagation: EN 60332-1-2

### STANDARD

IEC 60502-2

Outer Sheath Colour:

● Red

*Other colours available on request*

### CERTIFICATION



Nominal cross-sectional	Max. resistance at 20°C	Current capacity in air	Current capacity in earth	Outer diam. (approx.)	Cu weight	Cable weight (approx.)
mm <sup>2</sup>	Ω/km	A	A	mm	kg/km	kg/km
3x95 SM/50	0,193	250	260	44,7	3216	4440

