# **NYCY**



### Areas of Use

0.6/1 kV power cables with copper concentric conductors and tape are used in outdoor and underground applications. The concentric conductor can be used as neutral, protective or earth and connection monitoring the impacts on the cable through a control switch or a relay.

#### **Cable Construction**

| Conductor            | Solid or Stranded Annealed Copper (IEC/EN 60228, Class 1 / Class 2) |
|----------------------|---|
| Insulation           | PVC   |
| Core Colors          | HD 308 S2   |
| Filler               | PVC   |
| Concentric Conductor | Copper Wire and Copper Tape   |
| Outer Sheath         | PVC   |
| Reference Standards  | TS IEC 60502-1, DIN VDE 0276-603                                    |

# **Technical Properties**

| Operating Voltage          | 0.6/1 kV   |
|----------------------------|--|
| Test Voltage               | 3.5 kV   |
| Max. Operating Temperature | 70 °C  |
| Flame Retardancy           | IEC/EN 60332-1-2   |
| Min. Bending Radius        | Single Core: 15 x Cable Diameter, Multicore: 12 x Cable Diameter |

## 14.12.2025 21:20

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