

APPLICATION

NYY cables are designed for power distribution in both industrial and residential settings, suitable for both underground and above-ground installations. They are also weather-resistant, making them ideal for use in outdoor environments



CONSTRUCTION

Conductor

- 1.5 mm² to 6 mm²: Class 1 or 2 solid copper conductor
- >6mm²: Class 2 stranded copper conductor

Insulation

PVC (Polyvinyl Chloride)

Filler

PVC (Polyvinyl Chloride)

Outer sheath

PVC (Polyvinyl Chloride)

Jacketing color

- Black
- Gray

Marking

by ink jet on one line each one meter based on the request

STANDARDS

- IEC 60502-1
- Conductor acc. to IEC 60228
- In case of flame retardant/LSZH , IEC/EN 60332
- VDE 0276-603

TECHNICAL CHARACTERISTICS



Voltage Rating U0/U(Um): 0.6/1 (1.2) KV
Test voltage: 3.5KV



Max continuous operating Temp: 70°C
Max Short circuit temperature:

- sections ≤ 300 mm²: 160°C
- sections > 300 mm²: 140°C

Cable operating Temp Range:

- Fixed: -15°C to +70°C



Minimum Bending Radius Fixed: 10 x overall diameter

CORE IDENTIFICATION

With Protective Conductor (J)

- 2 cores: ● Blue ● Brown
- 3 cores: ● Green/Yellow ● Blue ● Brown
- 4 cores: ● Green/Yellow ● Brown ● Black ● Gray
- 5 cores: ● Green/Yellow ● Blue ● Brown ● Black ● Gray

Without Protective Conductor(O)

- 2 cores: ● Blue ● Brown
- 3 cores: ● Brown ● Black ● Gray
- 4 cores: ● Blue ● Brown ● Black ● Gray
- 5 cores: ● Blue ● Brown ● Black ● Gray ● Black