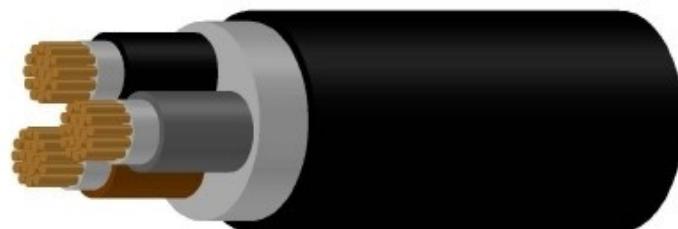


## APPLICATION

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 mm<sup>2</sup> to 6 mm<sup>2</sup>: Class 1 or 2 solid copper conductor
- >6mm<sup>2</sup>: 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 mm<sup>2</sup>: 160°C
- sections > 300 mm<sup>2</sup>: 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
- 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