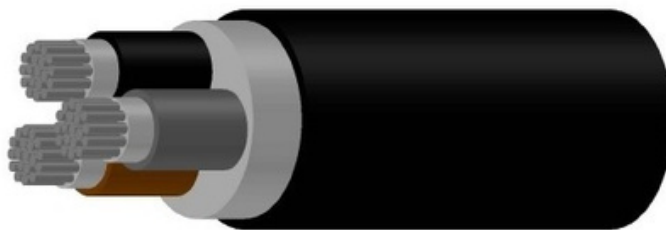


APPLICATION

The NAYY cable is used for power distribution in both industrial and residential settings. It is suitable for indoor and outdoor installations, as well as for use in water and underground



CONSTRUCTION

Conductor

- $\leq 10 \text{ mm}^2$: Class 1 solid aluminium conductor
- $>10\text{mm}^2$: Class 2 stranded aluminum 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 $U_0/U(\text{Um})$: 0.6/1 (1.2) KV
Test voltage: 3.5KV



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

- sections $\leq 300 \text{ mm}^2$: 160°C
- sections $> 300 \text{ mm}^2$: 140°C

Cable operating Temp Range:

- Fixed: -15°C to +70°C



Minimum Bending Radius Fixed: 15 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