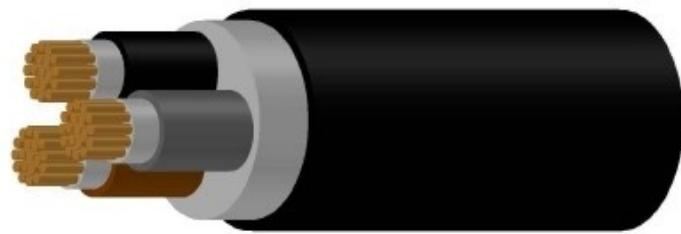


U1000R02V

Product Series Code: 8000

APPLICATION

They are used to deliver electricity to low voltage installation systems, highly suited to underground use in industrial applications providing extra mechanical protection, also can be installed on cable trays, in conduits, or on walls.



CONSTRUCTION

Conductor

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

Insulation

XLPE (Cross Linked Polyethylene)

Bedding

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: 90°C
Max Short circuit temperature: 250°C
Cable operating Temp Range:

- Fixed: -20°C to +90°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