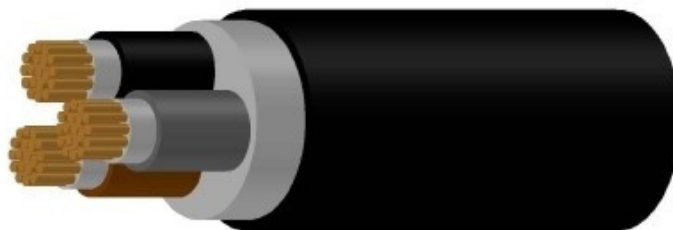


## APPLICATION

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 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

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

## 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

## STANDARDS

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