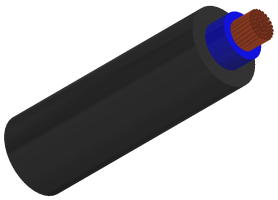
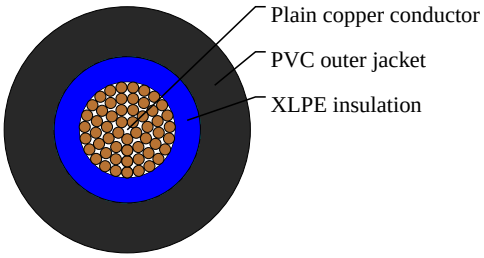
Caledonian

Industrial Cables (Portuguese Standard)

www.caledonian-cables.com marketing@caledonian-cables.com

FXV





APPLICATIONS

These cables for energy distribution are suitable for all types of low voltage industrial-type connections. in urban grids, building installations. etc. Its high flexibility makes the installation process substantially easier and as a result is particularly suitable for use in difficult layouts. They can be buried or installed in a tube as well as outdoors. They are can also be used for street lighting, power supply of buildings, ship installations and generator installations. Lastly, these cables can withstand damp conditions including total immersion in water.

STANDARDS

IEC 60502-1

VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

- Flexible plain copper strands
- Strands to VDE-0295 Class-5, NP 2363 Class-5
- XLPE (Cross-Linked Polyethylene) insulation to IEC60502
- Flexible PVC (Polyvinyl Chloride) jacket

COLOUR CODE

Insulation Colour Code
Color coded to HD 308
Single core - Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

PHYSICAL AND THERMAL PROPERTIES

- Temperature Rating: -15°C to +90°C
- Minimum Bending Radius: 5 x overall diameter
- Flame retardant: IEC 60332.1
- Insulation resistance: 1000 MΩ x km

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm²	mm	mm	mm	kg/km
1x4	0.7	1.4	6.7	70