Caledonian

Industrial Cables (Portuguese Standard)

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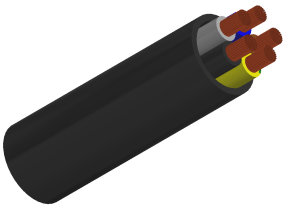
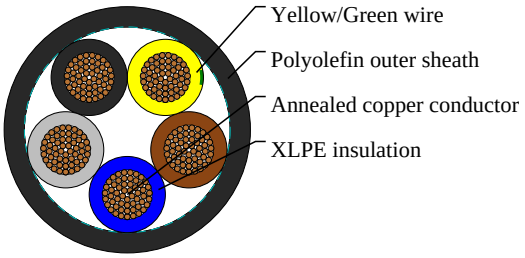
FXZ1





APPLICATIONS

These cables with zero halogen are high security cables. In case of fire, they do not emit toxic or corrosive gases, thereby protecting public health and avoiding any possible damage to electronic equipment. For this reason, its use is recommended in public places such as: hospitals, schools, museums, airports, bus terminals, shops in general, tunnels, the underground, etc., as well as in calculation centres, offices, production plants, laboratories, etc.

STANDARDS

IEC 60502-1

VOLTAGE RATING

600/1000 V

CABLE CONSTRUCTION

- Flexible electrolytic annealed copper conductor
- Class 5 in accordance with NP 2363
- XLPE insulation type DIX 3 according to HD603.
- LOSH polyolephine outer sheath

COLOUR CODE

Insulation Colour Code
Color coded to HD 308
5 cores (G) - Green-Yellow + Blue + Brown + Black + Grey

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 3500 volts
- Minimum bending radius: 10 x Ø
- Working temperature: -15º C to +90º C
- Short circuit temperature: +250º C
- Insulation resistance: 1000 MΩ x km
- Halogen free: IEC 60754-1, EN 50267-2-1
- No corrosive gases: IEC 60754-2, EN 50267-2-2
- No toxic gases: NES 02-713, NF X 70-100

- Low smoke density: IEC 61034, EN 50268-2
- Flame retardant: IEC 60332-1, EN 50265-2-1
- Non-flame propagating: IEC 60332-3, EN 50266-2

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Approx. Overall Diameter	Approx. Weight
No.×mm²	mm	kg/km
5G4	13	302