

INSTALLATION CABLE

PRESENTATION

This cable is used for BUS (EIB) system applications, transmission of measured values and for being used in automated and adjustment fields.

REFERENCE STANDARDS

According to the example DIN VDE 08 15

Cable structure

1- Conductors

Conductors consist of a solid annealed copper with a nominal diameter of 0.8 mm.

2- Insulation of conductors

Conductors are insulated with :

- PVC for EIB J-Y(St)Y cables.
- Halogen free compound for EIB-J-H(St)H

3- Stranding

The 4 wires are assembled in a Quad and identified with colors as follows: Red, Black, White and Yellow

4- Core wrapping

A dielectric polyester tape is applied over the cable core

5- Screen

Over the wrapped core cable is applied a plastic coated aluminum foil.

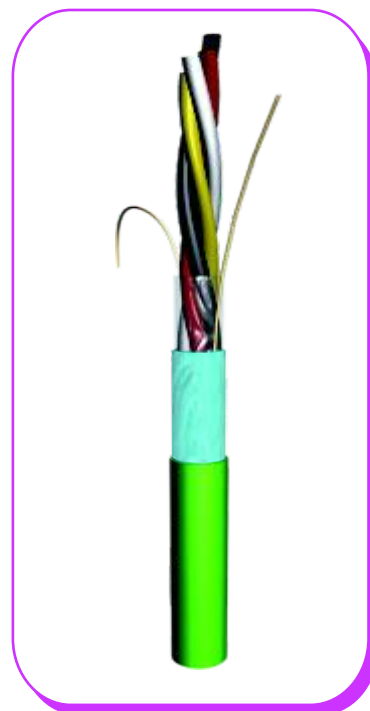
6- Drain wire

The Drain wire consists of tinned copper with 0.4 mm diameter.

7- Outer sheath

PVC green for EIB-J-Y(St)Y cables.

HFFR green compound for EIB-JH(St)H cables



DIMENSIONS

Thickness of the sheath: 1 mm.

Outer diameter: 6,0mm

ELECTRICAL CHARACTERISTICS

1- Capacity (800 Hz)	Max.100 nF/km
2- Insulation resistance	Min.100M? .km
3- Electrical resistance	Max.73,2? /km
4- Capacity unbalance at (800 Hz)	Max.200pF/100ml
5- Voltage test Core/Core	800 V
6- Test voltage Core/Screen	4000V
7- Operating voltage	250V