

PRESENTATION

They are suitable for indoors telecommunication fixed installation.

REFERENCE STANDARDS

DIN VDE 0815

CABLE STRUCTURE**1- Conductors**

Conductors consist of solid copper having a diameter of 0.6 mm and 0.8 mm.

2- Insulation

Conductors are insulated with PVC according to VDE 0207.

3- Stranding

Pairs are stranded together in concentric layers .

The color identification of the wires is in compliance with the VDE 0815.

4- Core wrapping

A polyester tape is applied over the cable core

5- Screen

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

6- Drain wire

The Drain wire consists of red copper that has a diameter of 0.4 mm for cables having a maximum capacity of 10 pairs and 0.6 mm diameter for cables with more than 10 pairs.

7- Outer sheath

Outer sheath consist of unleaded and flame retardant PVC.

The sheath color is grey RAL 7035. (For fire alarm cables, the sheath color is red)

**ELECTRICAL CHARACTERISTICS**

1- Capacitance (800 Hz)	Max.100 nF/km
2- Insulation resistance	Min.100M? .km
3- Electrical resistance	
0,6 mm conductors	Max.130? /km
0,8 mm conductors	Max.73,2? /km
4- Capacity unbalance at (800 Hz)	Max.300pF/100ml
5- Test voltage	800 V DC
6- Operating voltage	300V

PACKAGING

Coils : 100m; 250m

Drums : 500 or 1000m