

## PRESENTATION

The cable, belonging to 5-10 series, is a filled cable with a quad used for consumers' overhead connection.

## REFERENCE STANDARDS

UTE C 93-526 and UTE C 93-527-2

## CABLE STRUCTURE

### 1- Conductors

Conductors are made of annealed copper having a diameter of 0.8 mm.

### 2- Insulation

Conductors having a diameter of 0,8 mm are insulated by high density colored polyethylene.

The thickness of the insulation is such that the electrical requirements are met.

### 3- Assembling

Insulated conductors are assembled to form a quad.

### 4-The protection sheath

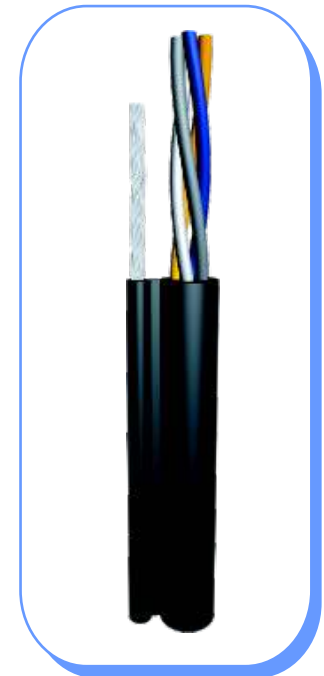
Black low density polyethylene complying with UTE 32 - 060

### 5- Suspension wire

It is made up of assembled galvanized steel wires.

### 6- Cable filling

The cable cavities are filled with a material commonly called "Petro-jelly" in accordance with technical specifications NFC 93-526.



## DIMENSIONS

Diameter on cable core sheath	: 7,4 mm ± 20
Web thickness	: 1,2 mm ± 2,5 mm
Web height	: 1,0 mm ± 2,5 mm
Minimum thickness of cable sheath	: 1,7 mm

## ELECTRICAL CHARACTERISTICS

Conductor resistance	? /km	35,3	
Insulation resistance	M? .km	≥ 1 500	
Dielectric strength	VCC	1 500 for 1 mn	
Mutual capacitance	nF/km	individuel value : ≤ 57,5	
Real-real unbalance capacitance in the quad	pF/1800m	90% of value ≤ 800	100% of value ≤ 1200

## ENVIRONMENTAL CHARACTERISTICS

These cables do not contain any substance referred to in the European Decree N° 2002/95/EC(RoHS) of January 27, 2003, relating to limiting the use of certain dangerous substances in electric and electronic equipment.