

PRESENTATION

It's a filled quad used for consumers' connection. It may be set up underground or in pipes.

REFERENCE STANDARDS

UTE C 93-526 and UTE C 93-527-9

CABLE STRUCTURE

1- Conductors

Annealed copper having a diameter of 0.6 mm or 0.8 mm.

2- Insulation

Conductors are insulated by a high density polyethylene.

3- Assembling

Insulated conductors are assembled in one Star Quad.

4- Cable filling

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

5- Sheath

Black high density polyethylene. It is complying with European standards requirements EN 50290-2-24



DIMENSION

- Nominal thickness of cable sheath : 1.1 mm
- Minimum thickness on one point of the sheath : 0.84 mm
- Diameter on sheath
 - 2-pair cables 0.6 mm: 5.2 mm
 - 2-pair cables 0.8 mm: 6.00 mm

ELECTRICAL CHARACTERISTICS

Conductor resistance Conductor 0.6 mm Conductor 0.8 mm	? /km	63,9 35,3	
Insulation resistance	M? .km	≥ 1 500	
Dielectric strength	VCC	1 500 for 1 mn	
Mutual capacitance	nF/km	individuel value : ≤ 57,5	
Unbalance capacitance in the quad	pF/1800m	90% of value ≤ 1300	100% of value ≤ 2000

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.