



## Construction

|                          |  |
|--------------------------|--|
| <b>Conductor</b>         | Bare copper wire<br>Diameter: 23 AWG (0,56mm Aprox.)               |
| <b>Insulation</b>        | Solid polyethylene<br>Nominal diameter: 1,04mm                     |
| <b>Assembly</b>          | 4 twisted pairs laid up together with non-metallic cross separator |
| <b>Individual screen</b> | -  |
| <b>Overall screen</b>    | -  |
| <b>Outer sheath</b>      | Halogen free compound<br>Standard colour: Light blue               |

## Technical characteristics

|                                 |  |
|---------------------------------|--|
| <b>Outer diameter</b>           | 8,3 mm   |
| <b>Weight</b>                   | 48 Kgs/Km  |
| <b>Operating T<sup>a</sup></b>  | -10°C + 60°C (service)<br>0°C + 50°C (during installation) |
| <b>Min. bending radius</b>      | 8xD (during installation)<br>4xD (service)                 |
| <b>Characteristic Impedance</b> | 100 Ohm  |

## Application

Category 6A halogen free data transmission cable for local area networks (LAN):

- 10 BASE-T Ethernet
- 100 BASE-TX Fast Ethernet
- 1000 BASE-T Gigabit Ethernet
- 10G BASE-T 10 Gigabit Ethernet
- 1.2/2.4 Gbs ATM
- Analog and digital video

\* CPR:

Cable suitable to be installed under the requirements of the CPR (Construction Product Regulation (EU) N ° 305/2011) in accordance with the classification (Euroclass) specified in this document.

## Standards / Properties

|                                       |  |
|---------------------------------------|--|
| <b>Ref. standard for drawing</b>      | IEC 61156-5<br>ISO 11801<br>EN 50173<br>ANSI/TIA-568-C |
| <b>CPR Classification (Euroclass)</b> | Dca-s2,d2,a2<br>(According to UNE-EN 50575)            |
| <b>Flame Retardant</b>                | UNE-EN 60332-1 (IEC 60332-1)                           |
| <b>Halogen free</b>                   | UNE-EN 60754-1 (IEC 60754-1)                           |
| <b>Low smoke emission</b>             | UNE-EN 61034 (IEC 61034)                               |



flame retardant



halogen free



low corrosivity



low smoke  
opacity



## COLOUR TABLE

| PAIR N° | Conductor A | Conductor B |
|---------|-------------|-------------|
| 1       | Blue        | White       |
| 2       | Orange      | White       |
| 3       | Green       | White       |
| 4       | Brown       | White       |

## Article Table

| Code     | Cable                       | Supply       |
|----------|-----------------------------|--------------|
| 14650009 | U/UTP Cat.6A 4x2xAWG23 LSHF | Drums 500mts |