



## Construction

<b>Conductor</b>	Bare copper wire Diameter: 0,51mm
<b>Insulation</b>	High density solid polyethylene
<b>Assembly</b>	Twisted pairs
<b>General assembly</b>	Up to 26 pairs in concentric layers > 25 pairs with identification thread Wrapping: Polyester tape
<b>Overall screen</b>	Aluminium/polyester tape with continuity thread
<b>Outer sheath</b>	Halogen free compound. Colour: Grey

## Technical characteristics

<b>Conductor resistance</b>	91 Ohm/Km Max.
<b>Resistance unbalance</b>	Maximum Value: 2.5%
<b>Insulation resistance</b>	Min. 5000 MOhm*Km (500V, 15°C)
<b>Mutual capacitance</b>	Medium value max.: 55 nF/km Maximum value: 58 nF/km
<b>Capacitance unbalance</b>	Max.Value pair-pair: 260 pF/km Max.Value pair-ground: 2625 pF/km
<b>Dielectric strength</b>	Cond-Cond: 1000 V Cond-Screen: 2500 V
<b>Nominal attenuation (dB/100m)</b>	0.8 kHz: 1.30 dB/km 3k kHz: 2.52 dB/km 150k kHz: 8.3 dB/km 1000k kHz: 21.4 dB/km
<b>Operating T<sup>a</sup></b>	Operation: -25°C to +75°C
<b>Min. bending radius</b>	12xD

## Application

Shielded telephone cable in distribution installations for subscribers inside buildings (According to RD 401/2003 of cables for ICT)

\* CPR: Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) N ° 305/2011) according to the classification (Euroclass) specified in this document.

## Standards

<b>Ref. for construction/drawing</b>	ICT RD 401/2003
<b>CPR Classification (Euroclass)</b>	Dca-s2, d2, a1 (According to UNE-EN 50575)
<b>Flame Retardant</b>	UNE-EN 60332-1 (IEC 60332-1)
<b>Fire Retardant</b>	EN 50399
<b>Halogen free</b>	UNE-EN 60754-1 (IEC 60754-1)
<b>Low smoke emission</b>	UNE-EN 61034 (IEC 61034)



## Constructive data

Code	Nx2xØ (mm)	Ø (mm)	Weight (kg/km)
32164602	25x2x0.51	10.8	180
32164902	50x2x0.51	13.8	310
32165002	75x2x0.51	16.5	435
32165102	100x2x0.51	19.3	580
32168502	200x2x0.51	26.3	1090

### Legend

<b>Code</b>	Cervi codification
<b>Nx2xØ (mm)</b>	Number of pairs x Conductor diameter (mm)
<b>Ø (mm)</b>	Aprox. outer diameter (mm)
<b>Weight (kg/km)</b>	Approximate cable weight (kg/km)