



## Construction

### 2xAWG24

<b>Conductor</b>	Flexible tinned copper wires (0,12mm) Gauge: AWG24
<b>Insulation</b>	Foamed polyolefin Nominal diameter: 2,0mm Identification: White, Blue

### 2xAWG22

<b>Conductor</b>	Flexible tinned copper wires (0,15mm) Gauge: AWG12
<b>Insulation</b>	Foamed polyolefin Nominal diameter: 1,60mm Identification: Black, Red

### GENERAL

<b>Individual screen</b>	Aluminium/polyester tape over each pair
<b>Assembly</b>	2xAWG24 shielded + 2xAWG22 shielded laid up together + tinned copper drain wire
<b>Overall screen</b>	Tinned copper wires braid Coverage: 80% Min.
<b>Outer sheath</b>	PVC Colour: Violet (RAL 4001)

## Technical characteristics

<b>Conductor resistance</b>	92 Ohm/Km Max. (AWG24) / 59 Ohm/Km Max. (AWG22)
<b>Insulation resistance</b>	200 MOhm*Km Min.
<b>Test Voltage</b>	500 V
<b>Operating voltage</b>	30 V
<b>Nominal capacitance</b>	46 pF/m
<b>Characteristic Impedance</b>	120 Ohm Nom.
<b>Operating T<sup>a</sup></b>	-20°C +80°C
<b>Min. bending radius</b>	5xD

## Application

Flexible data transmission BUS cable for fixed installations in industrial processes such as Device Net BUS Thin cable

## Standards

<b>Ref. for construction/drawing</b>	UL/CSA - UR (UL Recognised Component): · UL AWM Style 2502
<b>Flame Retardant</b>	CEI 20-35 ; EN 50265 ; IEC 60332-1 ; UL VW-1 ; CSA FT1
<b>Oil and hydrocarbon resistant</b>	UL 1581 ; VDE 472 part 803 A/B ; HD 22.10 S1 ; CNOMO E.03.40.150N



## Constructive data

Code	NxS (mm <sup>2</sup> )	Ø (mm)	Weight (kg/km)
35100036	1x2xAWG24 + 1x2xAWG22	7,20	75

### Legend

<b>Code</b>	Cervi codification
<b>NxS (mm<sup>2</sup>)</b>	Number of conductors x Section (mm <sup>2</sup> )
<b>Ø (mm)</b>	Aprox. outer diameter (mm)
<b>Weight (kg/km)</b>	Approximate cable weight (kg/km)