



DEVICENET™ 650 UL approval  
DEVICENET™ 651 UL approval

ELETTROTEK KABEL® DEVICENET 650



## Construction:

<b>Conductor:</b>	flexible tinned copper conductor
<b>Insulation:</b>	<b>1st pair:</b> special PE compound, acc. to DIN VDE 0819 part 103 <b>2nd pair:</b> PVC type T12 acc. to DIN VDE 0281 part 1
<b>Colour cores:</b>	<b>supply pair:</b> black and red <b>data pair:</b> white and light blue
<b>Stranding:</b>	cores twisted in pairs, pairs twisted together
<b>Screen:</b>	pairs screened individually with aluminium tape tinned copper drain wire
<b>Wrapping:</b>	non-woven tape
<b>Screen:</b>	<b>(DEVICENET 650):</b> tinned copper braid <b>(DEVICENET 651):</b> aluminium tape
<b>Outer sheath:</b>	violet (RAL 4001 or 4005), PVC type TM1 acc. to DIN VDE 0281 part 1

## Technical data:

<b>Peak operating voltage:</b>	max. 350 V
<b>UL Voltage:</b>	30 V
<b>Test voltage:</b>	1,5 kV
<b>Temperature range</b>	<b>DIN/VDE</b> <b>UL</b>
<i>Fixed laying:</i>	-30 up to +70°C      up to +60 °C
<i>Flexible installation:</i>	-5 up to +70°C
<b>Min. bending radius:</b>	
<i>Fixed laying:</i>	7,5 x d
<i>Flexible installation:</i>	15 x d
<b>Characteristic impedance at 1 MHz:</b>	120 Ω ± 10%

## Features:

AWM style 2560 60°C 30 V CE

RoHS and CE approval



Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. (*)
39350AVX02BA24	2 x 0,24 + 2 x 0,38	6,5	41,2	74	24/22
39350AVX02BA18	2 x 0,96 + 2 x 1,53	11,5	98,7	166	18/16
39360AVX02BA24	2 x 0,24 + 2 x 0,38	6,5	16,4	57	24/22
39360AVX02BA18	2 x 0,96 + 2 x 1,53	11,5	58,4	116	18/16