

DEVICENET™ 656 halogen-free UL approval  
 DEVICENET™ 657 halogen-free



ELETTROTEK KABEL® DEVICENET 656



## Construction:

**Conductor:** flexible tinned copper conductor

**Insulation:** **1st pair:** special PE compound, acc. to DIN VDE 0819 part 103  
**2nd pair:** PVC type T12 acc. to DIN VDE 0281 part 1

**Colour cores:** **supply pair:** black and red  
**data pair:** white and light blue

**Stranding:** cores twisted in pairs, pairs twisted together

**Screen:** pairs screened individually with aluminium tape tinned copper drain wire

**Wrapping:** non-woven tape

**Screen:** **(DEVICENET 657):** tinned copper braid  
**(DEVICENET 656):** aluminium tape

**Outer sheath:** violet (RAL 4001 or 4005), halogen free compound

## Technical data:

**Peak operating voltage:** max. 350 V

**UL Voltage:** **(DEVICENET 656):** 300 V

**Test voltage:** 1,5 kV

**Temperature range** **(DEVICENET 656) UL:** up to + 75°C

*Fixed laying:* - 40 up to +70°C

*Flexible installation:* - 30 up to +70°C

**Min. bending radius:**

*Fixed laying:* 7,5 x d

*Flexible installation:* 15 x d

**Characteristic impedance at 1 MHz:** 120 Ω ± 10%

## Features:

AWM style 21080 75°C 300 V **(DEVICENET 656)**

acc. to DIN VDE 0472 part 815+IEC60754-1

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. (*)
39370CVX02BA24	2 x 0,24 + 2 x 0,38	6,5	16,4	56	24/22
39370CVX02BA18	2 x 0,96 + 2 x 1,53	11,5	58,4	120	18/16
39380CVX02BA24	2 x 0,24 + 2 x 0,38	6,5	41,2	74	24/22
39380CVX02BA18	2 x 0,96 + 2 x 1,53	11,5	98,7	183	18/16