



DEVICENET™ 658 UL approval  
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ELETTROTEK KABEL® DEVICENET 658



## 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 (optional)

**Screen:** **(DEVICENET 658):** tinned copper braid  
**(DEVICENET 659):** aluminium tape

**Outer sheath:** violet (RAL 4001 or 4005), PUR type TMPU, acc. to DIN VDE 0281 part. 10

## Technical data:

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

**UL Voltage:** 30 V

**Test voltage:** 1,5 kV

**Temperature range** **UL:** up to + 60°C  
*Fixed laying:* - 30 up to +70°C  
*Flexible installation:* - 5 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 20417 60°C 30V

possible version with AWM style 21576 80°C 1000V identified with "H" on the 6th number of the Part. n

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. *)
39390CVX02BA22	2 x 0,24 + 2 x 0,38	6,5	41,2	74	24/22
39390CVX02BA16	2 x 0,96 + 2 x 1,53	11,5	98,7	166	18/16
39400CVX02BA22	2 x 0,24 + 2 x 0,38	6,5	16,4	57	24/22
39400CVX02BA16	2 x 0,96 + 2 x 1,53	11,5	58,4	115	18/16