



DEVICENET™ 650 UL approval
DEVICENET™ 651 UL approval



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 650): tinned copper braid (DEVICENET 651): aluminium tape
Outer sheath:	violet (RAL 4001 or 4005), PVC type TM1 acc. to DIN VDE 0281 part 1

Technical data:

Peak operating voltage:	max. 350 V	
UL Voltage:	30 V	
Test voltage:	1,5 kV	
Temperature range	DIN/VDE	UL
<i>Fixed laying:</i>	-30 up to +70°C	up to +60 °C
<i>Flexible installation:</i>	-5 up to +70°C	
Min. bending radius:		
<i>Fixed laying:</i>	7,5 x d	
<i>Flexible installation:</i>	15 x d	
Characteristic impedance at 1 MHz:	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 ²	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