

PROFIBUS DP CABLES



PROFIBUS 637 UL approval

ELETTROTEK KABEL® PROFIBUS 637

Construction:

Conductor:	solid (39141) or stranded (39140) red copper conductor 7x0,25 mm - 22/7 AWG
Insulation:	special foam-PE compound
Colour cores:	red, green
Stranding:	in pair + fillers
Screen:	aluminium tape + PET foil and tinned copper braid
Outer sheath:	violet (RAL 4001 or 4005), PVC compound, flame retardant, oil resistant

Resistance:



Self-extinguishing and flame retardant acc.to:
IEC 60332-1-2,
EN 60332-1-2,
UL 1581 §1090, §1100, FT2



Oil resistance acc. to:
IEC 60811-2-1 and ASTM IRM 901



UV resistance acc.to:
UL1581 §1200

Technical data:

Max. operating voltage:	50 V
UL Voltage:	300 V
Test voltage:	
<i>core/core</i>	2 kV for 1 min.
<i>core/screen</i>	2 kV for 1 min.
Temperature range	UL: up to +80°C
<i>Fixed laying:</i>	-30°C up to +80°C
Min. bending radius:	8 x d
Characteristic impedance 1-20 MHz:	150 Ω ± 10%
Characteristic impedance 31,25 KHz:	185 Ω ± 10%

Features:

UL style: AWM style 2571 80°C 300V or 20601 80°C 300 V
acc. to standard IEC 61158, EN 50170-2, DIN 19245, EIA RS485
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. *)
39140CVB020A22	2 x 0,34	7,8	23,8	70	22
39141CVB020A22	2 x 0,34	7,8	23,8	70	22