



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 PE compound acc. to DIN VDE 0819 part 103
Colour cores:	red, green
Stranding:	in layers
Screen:	aluminium tape and tinned copper braid
Outer sheath:	violet (RAL 4001 or 4005), PVC oil resistant compound, acc. to DIN VDE 0281 part 1

Resistance:



Self-extinguishing and flame retardant acc.to:
IEC 60332-1-2
EN 60332-1-2



Oil resistance acc. to:
DIN VDE 0281 part 1
DIN VDE 0473 part.811-2-1
DIN VDE 0207 part. 5



UV resistance acc.to:
UL1581 §1200 Std.

Technical data:

Peak operating voltage:	max. 350 V
UL Voltage:	(PROFIBUS 637): 300 V
Test voltage:	1,5 kV
Temperature range	(PROFIBUS 637): UL: up to +80°C
<i>Fixed laying:</i>	-30°C up to +80°C
<i>Flexible installation:</i>	-5°C up to +80°C
Min. bending radius:	12 x d
Characteristic impedance 3-20 MHz:	150 Ω ± 10%

Features:

UL style: AWM style 2571 80°C 300V

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	7,3	23,8	53	22
39141CVB020A22	2 x 0,34	7,3	23,8	53	22