

PROFIBUS 637 UL approval



ELETTROTEK KABEL* PROFIBUS 637

Construction:

CONDUCTOR:	SOLID (39141) OR STRANDED (39140) RED COPPER CONDUCTOR 7 x 0,25 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 (RAL4001 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:	
CORE/CORE	2 kV x 1 min
CORE/SCREEN	2 kV x 1 min
TEMPERATURE RANGE:	UL: UP TO + 80°C
FIXED LAYING:	-30°C UP TO + 80°C
MIN. BENDING RADIUS:	8 x D
CHARACTERISTIC IMPEDANCE 3-20 MHz:	150 Ω ± 10%
CHARACTERISTIC IMPEDANCE 31,25 KHz:	185 Ω ± 10%

Features:

cULus AWM STYLE 2571 80°C 300V or cULus 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

Other dimension and colours available on request.