

PROFIBUS 642



ELETTROTEK KABEL® PROFIBUS 642

Construction:

Conductor:	stranded red copper conductor acc. to DIN VDE 0812
Insulation:	special PE compound acc. to DIN VDE 0819 part 103
Colour cores:	(PA) red, green (Type B) acc to DIN 47100
Stranding:	in layers
Wrapping:	PETP foil
Screen:	tinned copper braid
Outer sheath:	violet (RAL 4001 or 4005), blue (RAL 5015) or black (RAL 9005) (2 x 0,82 mm ²) PVC type TM1 acc. to DIN VDE 0281 part 1

Resistance:



Oil resistance acc. to:
DIN VDE 0281 part 1
DIN VDE 0473 part.811-2-1, IEC 60811-2-1

Technical data:

Peak operating voltage:	max. 350 V
Test voltage:	1,5 kV
Temperature range	
<i>Fixed laying:</i>	-30°C up to +70°C
<i>Flexible installation:</i>	-5°C up to +70°C
Min. bending radius:	7,5 x d
Characteristic impedance 3-20 MHz:	PA: at 31.25 kHz 100 Ω ± 20% Typ B: at > 100 kHz 100 Ω - 130 Ω PA: at 31.25 kHz 100 Ω ± 20%

Features:

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. *)
39160CVB020M22	2 x 0,22	4,4	14,7	26	24
39160CV4022M22	2 x 2 x 0,22	6,2	22,4	45	24
39160CVB020M02	2 x 0,25	4,9	15,4	30	24
39160CV4022M02	2 x 2 x 0,25	6,7	26,5	52	19
39160C7B020M08	2 x 0,82	7,3	38,1	68	19
39160CBB020M08	2 x 0,82	7,3	38,1	68	19