

CAN-BUS CABLES

CAN-BUS 620 halogen-free,
CAN-BUS 620 FRNC halogen-free



ELETTROTEK KABEL® CAN-BUS 620

Construction:

Conductor:	stranded red copper conductor, acc. to DIN VDE 0812
Insulation:	halogen-free compound
Colour cores:	acc. to DIN 47100
Wrapping:	PETP foil
Screen:	tinned copper braid
Outer sheath:	violet (RAL 4001 or 4005) halogen-free compound

Technical data:

Peak operating voltage:	max. 350 V
Test voltage:	1,5 kV
Temperature range (CAN-BUS 620):	
<i>Fixed laying:</i>	- 50°C up to +90°C
<i>Flexible installation:</i>	- 40°C up to +90°C
Temperature range (CAN-BUS 620 FRNC):	
<i>Fixed laying:</i>	- 40°C up to +85°C
<i>Flexible installation:</i>	- 30°C up to +85°C
Min. bending radius:	7,5 x d
Bending characteristics:	acc. to DIN VDE 0472 part 603 test method H,min. 60000 single bendings characteristic
Characteristic impedance 3-20 MHz:	PA: at 31.25 kHz 100 Ω ± 20% Typ B: at > 100 kHz 100 Ω - 130 Ω
Radiation resistance:	(CAN-BUS 620): 5 x 10 ⁶ cJ/kg

Resistance:



No flame propagation acc. to
IEC 60332-3C + EN 60332-3C
(CAN-BUS 620 FRNC)



Halogen free acc. to:
DIN VDE 0472 part 815
IEC60754-1



Corrosiveness of conflagration gases:
in compliance with IEC 60754-2
EN 50267-2-2 +
VDE 0482 part 267-2-2,
no development of corrosive conflagration gases



Smoke density acc. to:
IEC 61034 + EN 61034
(CAN-BUS 620 FRNC)



Oil resistance:
very good - TM5 acc. to DIN VDE 0281 part 1
(PB 630)

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. *)
39010CV4020M02	2 x 0,25	5,7	19	35	24
39020CV4020M02	2 x 0,25	5,7	19	41	24