



Novotronic CAN-BUS CY 120 Ohm

PVC-sheathed CAN-BUS cable

Specification

RATED VOLTAGE U₀/U CONTROL CORES	250V
CONDUCTOR CLASS	Klass 2 = fåtrådig (7 trådar)
CONDUCTOR MATERIAL	Copper
CORE INSULATION	PE/PP
CORE IDENTIFICATION	Colour coded acc. to DIN 47100
OVERALL SHIELD	Aluminum foil and braided tinned copper wire
OUTER SHEATH	PVC
SHEATH COLOUR	Violet RAL 4001
BENDING RADIUS FIXED	7,5 x cable diameter
BENDING RADIUS MOVED	15 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-10°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	1500V Core/Core
CONDUCTOR RESISTANCE	0,22mm ² : max. 175,2 Ohm/km, 0,34mm ² : max. 110,8 Ohm/km, 0,5mm ² : max. 68,8 Ohm/km, 0,75mm ² : max. 55,0 Ohm/km

CAPACITANCE	40,0 nF/km
IMPEDANCE	120 Ohm
FLAME RETARDANT	IEC 60332-1, UL1581 VW1

Variants

E-NUMBER	DIMENSION N X MM²	OUTER DIAMETER MM	WEIGHT KG/100M
N7780510	1x2x0,22	5.7	4.2
N7780520	2x2x0,22	7.6	6.8
N7780530	1x2x0,34	6.8	5.5
N7780540	2x2x0,34	8.5	8.8
N7780550	1x2x0,5	7.5	9
N7780560	2x2x0,5	9.7	10.6
N7780570	1x2x0,75	8.7	10.8
N7780580	2x2x0,75	11.5	14.2