



Novotronic Profibus L2-DP/FIP FRNC

Halogen free industrial fieldbus cable

Specification

RATED VOLTAGE U₀/U CONTROL CORES	100V
CONDUCTOR CLASS	Class 1 = solid wire
CONDUCTOR MATERIAL	Copper
CORE INSULATION	PE
CORE IDENTIFICATION	Red and Green
OVERALL SHIELD	Aluminum foil and braided tinned copper wire
OUTER SHEATH	Halogen free special compound
SHEATH COLOUR	Violet RAL 4001
BENDING RADIUS FIXED	150mm
MIN OPERATING TEMPERATURE FIXED	-25°C
MAX OPERATING TEMPERATURE FIXED	+60°C
TESTING VOLTAGE	3600V/3 sec.
CONDUCTOR RESISTANCE	max. 110 Ohm/km
INSULATION RESISTANCE	≥16 000 Mohm x km
CAPACITANCE	28,0 nF/km
INDUCTANCE	Nominal value 150 Ohm, 3-20 MHz 150 ±15 Ohm, 38,4 kHz 185 ±18,5 Ohm, 9,6 kHz 270 ±27 Ohm
ATTENUATION	at 16 mHz <42 dB/km, at 4 mHz <22 dB/km, at 38,4 mHz <4,0 dB/km, at 9,6 mHz <2,5 dB/km
FLAME RETARDANT	IEC 60332-1

Variants

E-NUMBER	DIMENSION N X Ø MM	OUTER DIAMETER MM	WEIGHT KG/100M
4958640	1x2x0,64	7.8	6.4