



Novotronic Profibus L2-DP/FIP UV

Industrial fieldbus cable for outdoor use

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
INNER SHEATH MATERIAL	Special PVC
OVERALL SHIELD	Aluminum foil and braided tinned copper wire
OUTER SHEATH	PE
SHEATH COLOUR	Black
BENDING RADIUS FIXED	300mm
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+70°C
TESTING VOLTAGE	3600V/3 sec.
CONDUCTOR RESISTANCE	max. 110 Ohm/km
INSULATION RESISTANCE	≥16 000 Mohm x km
CAPACITANCE	28,5 nF/km
ATTENUATION	at 16 mHz <45 dB/km, at 4 mHz <22 dB/km, at 38,4 mHz <5,0 dB/km, at 9,6 mHz <3,0 dB/km
IMPEDANCE	Nominal value 150 Ohm, 3-20 MHz 150±15 Ohm, 38,4 kHz 185±18,5 Ohm, 270±27 Ohm
FLAME RETARDANT	IEC 60332-1

Variants

E-NUMBER	DIMENSION N X Ø MM	OUTER DIAMETER MM	WEIGHT KG/100M
4958660	1x2x0,64	10	8.5