Characteristic impedance: 135 - 165 ohm

## **UNITRONIC® BUS L2/FIP FC**

#### LAPP KABEL STUTIGART UNITRONIC® BUS L2/FIP FC



## Application range

- For stationary installation for Bus Systems 150 Ohm impedance
- Dry and damp indoors

### Product features

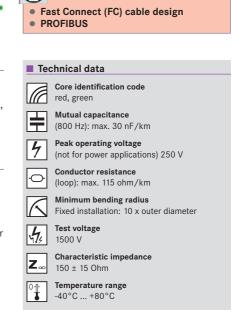
- This bus cable can be used for PROFIBUSDP as well as for PROFIBUS-FMS and FIP
- Based on the bit rates listed, in accordance with PNO specifications the following maximum cable lengths for a bus segment apply (cable type A, PROFIBUS-DP): 93.75 kbit/s = 1200 m
  - 187.5 kbit/s = 1000 m
  - 500 kbit/s = 400 m
  - 1.5 Mbit/s = 200 m
  - 12.0 Mbit/s = 100 m
- Flame retardant in acc. to IEC 60332-1-2

# Approvals (Norm references)

 In accordance with DIN 19245 and EN 50170, e.g. for SIEMENS SIMATIC NET, also suitable for FIP (Factory Instrumentation Protocol)

#### Product Make-up

- Single wire of bare copper
- Foam PE core insulation
- Cores twisted together
- Plastic foil wrapping
- Aluminium-mylar tape screen + tinned copper wire braiding
- PVC outer sheath, violet RAL 4001



Info

	g/km) Weight (kg/km)						
UNITRONIC® BUS L2/FIP FC							
8 26	84						
	8 26						

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.

# UNITRONIC<sup>®</sup> BUS L2/FIP SWA

LAPP KABEL STURGART UNITRONIC" BUS L2/FIP SWA				• S.W	Info V.A OFIBUS	
<ul> <li>Benefits</li> <li>PROFIBUS-DP with Steel Wire Armouring</li> <li>Provide a high operating security during data transmission</li> <li>Application range</li> <li>Designed for the system-defined transmission rates of 1.5 Mbs, 2.5 Mbs and 12 Mbs</li> <li>Suitable for direct burial and permanent installation in harsh and rugged environments</li> <li>Suitable for oil and gas, petrochemical, pharmaceutical industry</li> <li>For indoor and outdoor use</li> <li>Product features</li> <li>Suitable for SIEMENS SINEC L2 DP in acc. to DIN 19245 part 3 and EN 50170</li> <li>Suitable for interfaces RS 422 and RS 485</li> <li>Flame retardant in acc. to IEC 60332-1-2</li> <li>UV-resistant</li> </ul>	<ul> <li><b>Pr</b></li> <li>So</li> <li>Fo. Alu</li> <li>Tir Ga</li> <li>PV PV</li> </ul>	provals (Norm references)			red, green Mutual ca (800 Hz): Peak oper (not for por Impedanc at 3 to 20 Conducto Max. 110 Minimum	tification code pacitance max. 30 nF/km rating voltage ower applications) 250 V e MHz: 150 +/- 15 Ohm r resistance Ohm/km bending radius e diameter ge ure range
Article number Number of pairs and conductor diameter	(mm)	Outer diameter (mm)	Copper ir	ndex (kg/ki	m)	Weight (kg/km)
UNITRONIC® BUS L2/FIP SWA 3803156 1x2x0.64		12.6		30.1		280

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.

For current information see: lappsea.lappgroup.com

ACCESSORIES

APPENDIX