

# LUTZE Electronic PROFIBUS (C) PVC, Shielded

## Flexible PROFIBUS Cable with UL Approval



### Application

- For the cabling of industrial field bus systems like PROFIBUS DP, F.I.P.
- With solid conductor AWG22/1 for hard wiring or with stranded conductor for flexible use and stationary application
- Automation technology, transport and conveyor technology, machine tool manufacturing

### Characteristics

- High active and passive interference resistance (EMC)
- Talc and Silicone free

### Technical data

Impedance	150Ω ± 15Ω
Loop resistance	Solid 22/1 <110Ω/km Flexible 24/7 <175.2Ω/km
Operating capacitance	Nominal 30pF/m
Rated voltage	300V CMX/CMG
Test voltage	1,500V, 50Hz
Temperature range	Moving -10°C - +70°C Fixed -40°C - +80°C
Minimum bending radius	Moving 15 x cable OD Fixed 7.5 x cable OD
Burning behavior	Flame retardant per CMX: FT1 UL 1581, IEC 60332-1 CMG: FT4 UL 1685, IEC 60332-3-24
Approvals	cULus CMX/CMG UL AWM RoHS REACH

### Construction

- AWG conductor
- Bare copper wire
- Conductor insulation special polyolefin
- Stranding with filler
- ST static foil shield
- Tinned copper braid shield, optical coverage ≥ 70 %
- Special thermoplastic on PVC basis
- Violet jacket RAL 4001

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
----------	----------------------------------	------------------	------------------	-------------------	-------------------

### PROFIBUS, Solid UL/CMX/AWM 20601 300V

104378	(1x2xAWG22/1) RD, GN	8.0	0.315	40	20
--------	-------------------------	-----	-------	----	----

### PROFIBUS, Flexible UL/CMG/AWM 21694 600V

104344	(1x2xAWG24/7) RD, GN	8.0	0.315	44	17
--------	-------------------------	-----	-------	----	----

### PROFIBUS, Fast Connect UL/CMG/AWM 20201 600V

104293	(1x2xAWG22/1) RD, GN	7.8	0.307	50	20
--------	-------------------------	-----	-------	----	----