

LUTZE PROFIBUS (C) PVC, Shielded

Flexible PROFIBUS Cable for Stationary Applications



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 in stationary applications
- Automation technology, transport and conveyor technology, machine tool manufacturing
- Compliant with NFPA 79 requirements

Characteristics

- High protection against electromagnetic interference (EMI)
- Talc and silicone free

Technical data

Voltage	300V 600V AWM
Test voltage	1,500V, 50Hz
Impedance	150Ω ± 15Ω
Loop resistance	Solid 22/1 <110Ω/km Flexible 24/7 <175.2Ω/km
Operating capacitance	Nominal 30pF/m
Temperature range	Moving -10°C - +70°C Fixed -40°C - +75°C
Bending radius min	Moving 15 x cable OD Fixed 7.5 x cable OD
Burning behavior	Flame retardant per FT4, UL 1685, IEC 60332-3-24
Approvals	CMG 75C AWM 21694 60C 600V Meets NEC 392, 800 RoHS, REACH

Construction

- AWG conductor
- Bare copper wire
- Conductor insulation special polyolefin
- Stranding with filler
- Foil shield
- Tinned copper braid shield, optical coverage 85% (104293 inner jacket and 70% optical coverage)
- Special thermoplastic on PVC basis
- Violet jacket similar to RAL 4001

Specifications are subject to change without prior notice

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
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PROFIBUS, Flexible UL/CMG/AWM 21694 600V

104344	(1x2xAWG24/7) RD, GN	8.0	0.315	44	17
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PROFIBUS, Fast Connect UL/CMG/AWM 20201 600V

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