

LUTZE SUPERFLEX® PROFIBUS (C) PUR, Shielded

High Flexing PROFIBUS Cable for Continuous Motion Applications



Application

- For the cabling of industrial field bus systems like PROFIBUS DP, SINEC L2, F.I.P.
- For continuous flexing applications in drag chain or free movement in automation technology, transport and conveyor technology, machine tool manufacturing
- Compatible with all major drag chain brands
- Compliant with NFPA 79 requirements

Characteristics

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

Technical data

Voltage	300V
Test voltage	1,500V, 50Hz
Impedance	150Ω ± 15Ω
Loop resistance	<165Ω/km
Operating capacitance	<30pF/m
Temperature range	Moving -30°C - +70°C Fixed -40°C - +80°C
Bending radius min	Moving 7.5 x cable OD Fixed 5 x cable OD Moving Fast Connect 15 x cable OD Fixed Fast Connect 7.5 x cable OD
Burning behavior	Flame retardant per FT1, UL 1581 VW-1 IEC 60332-1
Approvals	CMX 75C AWM 21198 80C 300V Meets NEC 392, 800 RoHS, REACH

Construction

- AWG conductor
- Bare copper wire
- Conductor insulation special polyolefin
- Inner jacket versions with fast assembly FC
- Foil shield
- Tinned copper wire braid, optical coverage 85%, (for 104287 70%)
- Special PUR
- Violet jacket similar to RAL 4001

Specifications are subject to change without prior notice

Part No.	Description	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
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PROFIBUS, UL/CMX

104265	(1x2xAWG24/19) RD, GN	8.0	0.315	37	16
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PROFIBUS, Fast Connect UL/CMX

104287	(1x2xAWG24/19) RD, GN	8.0	0.315	54	20
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PROFIBUS, ET200 UL/CMX

104275	((1x2xAWG24/19)ST+3x0.75)C RD/GN, BU, BK, GNYE	9.8	0.386	97	44
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