



Continuous Flexing Profibus Cable

A104265-1 Profibus Cable Specifications (Shielded)			
Conductors Gauge & Stranding	24 AWG (0.25mm ²) 19 stranded bare copper	Conductor Markings	Red and green
Voltage Ratings	300V per UL	Overall Shield	Foil shield with braided tinned copper wires, optical cover approx. 85 %
	Tested to 1500V	Outer Jacket	PUR
Min. Bend Radius	5 x diameter	UV Resistance	Yes
		Oil Resistance	Yes
		Flame Resistance	Yes
Temperature Ratings	-40F to 176F (-40C to 80C)	Silicone-free	Yes
Velocity	9.84 ft/s (3 m/s)	Approvals	(cULus) TYPE CL 3/CMG or AWM Style 20201; (cURus) Meets NEC 392.800
Acceleration	9.84 ft/s ² (3 m/s ²)		
Length of Travel	≤11.5ft (3.5 m)	Sample Print Legend	LÜTZE SUPERFLEX® BUS (C) PUR 104265 (1x2xAWG24/19) E331628 -44 <c(UL)us listed Type CMX 75°C or c(RU)us AWM Style 21198 I/ II A/B 80°C 300V FT1 HALOGEN-FREE RoHS <Date Code YYWW> CE-44
Conductor Insulation	Special Polyolefin		

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Part Number	Number of Twisted Pairs	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (lb/ft)	Price per foot
A104265-1	1	24	19	0.315	20	0.04	\$3.02

* See web store for maximum cut lengths



Please Note: Our prices on Flexing Control Cable are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.



SYSTEMATIC TECHNOLOGY

LUTZE Profibus Cable

Overview

AutomationDirect is pleased to offer the LUTZE Profibus cable for stationary and continuous flexing applications. This cable is available in a 24 AWG or 22 AWG twisted pair. Individual conductors are bare copper or stranded for flexing applications. Conductor insulation is a special polyolefin. The cable's outer jacket is either a PUR construction or special PVC construction, utilizing a violet color similar to RAL 4001. The LUTZE Profibus cable is specifically designed, tested, and manufactured for automation technology, transport and conveyor technology, and machine tool manufacturing.

Features

- For wiring of industrial field bus systems like PROFIBUS DP, SINEC L2, F.I.P
- Outer jacket: PVC or PUR
- Overall shield
- High protection against electromagnetic interferences (EMI)
- Compliant with NFPA 79 requirements
- Silicone free

For continuous flexing options:

- Compatible with all major drag chain brands
- Flame-retardant
- Abrasion-resistant, nick-resistant, tear-propagation-resistant
- Hydrolysis-resistant, microbe-resistant, and rot-resistant
- Coolant and lubricant resistant
- Low 20 foot minimum length



Click on the above thumbnail or go to <https://www.automationdirect.com/VID-WD-0016> for a short introduction on our cut to length cable