



SYSTEMATIC TECHNOLOGY

# Continuous Flexing Profibus Cable

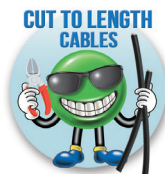
## A104265-1 Profibus Cable Specifications (Shielded)

<b>Conductors Gauge &amp; Stranding</b>	24 AWG (0.25mm <sup>2</sup> ) 19 stranded bare copper	<b>Conductor Markings</b>	Red and green
<b>Voltage Ratings</b>	300V per UL	<b>Overall Shield</b>	Foil shield with braided tinned copper wires, optical cover approx. 85 %
	Tested to 1500V	<b>Outer Jacket</b>	PUR
<b>Min. Bend Radius</b>	5 x diameter	<b>UV Resistance</b>	Yes
		<b>Oil Resistance</b>	Yes
		<b>Flame Resistance</b>	Yes
<b>Temperature Ratings</b>	-40F to 176F (-40C to 80C)	<b>Silicone-free</b>	Yes
<b>Velocity</b>	9.84 ft/s (3 m/s)	<b>Approvals</b>	(cULus) TYPE CL 3/CMG or AWM Style 20201; (cURus) Meets NEC 392,800
<b>Acceleration</b>	9.84 ft/s <sup>2</sup> (3 m/s <sup>2</sup> )		
<b>Length of Travel</b>	≤11.5ft (3.5 m)	<b>Sample Print Legend</b>	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
<b>Conductor Insulation</b>	Special Polyolefin		

## A104265-1 Profibus Cable (Shielded)

Part Number	Number of Twisted Pairs	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (lb/ft)	Price per foot
<u>A104265-1</u>	1	24	19	0.315	20	0.04	\$;5,xv:

\* 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.



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# 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