	TECHNICAL DATA SHEET	code	70105PU
	Profibus cable 2 x AWG 24	version	3
	Trailing	date	2016-03-09
		page	1/2

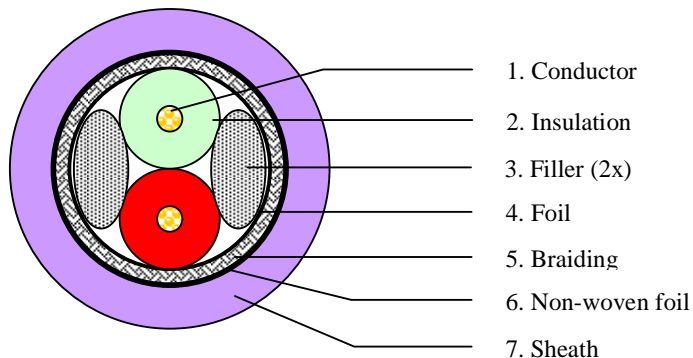
APPLICATION

Instrumentation and computer cable for Data Transmission applications such as Profibus.


Suitable for C-track/trailing application

UL AWM 21292

CONSTRUCTION



1. Conductor		AWG24/19 stranded bare Cu
2. Insulation		
Material		Foam Polyethylene
Diameter over insulation		2.50 ± 0.10 mm
Colour of insulation		Red and green
3. Filler (2x)		
Material		polypropylene
4. Foil 1		
Material		Non-woven
Foil 2		
Material		Aluminium / Polyester
5. Braiding		
Material		Tinned Cu
Coverage		70%
6. Foil		Non-woven
7. Sheath		
Material		PUR
Colour		Violet (like RAL4001)
Nominal diameter over sheath		7.8 mm

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	Trailing	date	2016-03-09
		page	2/2

REQUIREMENTS AND TEST METHODS

Electrical:

Maximum voltage rating	30V rms
Maximum resistance conductor	87 Ω/km
Nominal capacitance conductor to conductor @ 1kHz	30 pF/m
Impedance (3 – 20 MHz)	150 ± 15 Ω

Mechanical and physical:

Halogenfree	IEC 60754-1
Flame resistance	IEC 60332-2-2
Flame test UL	UL Horizontal flametest
Temperature range installing	-15 to +80 °C
Temperature range operating (fixed installation)	-40 to +80 °C
Temperature range storage	-40 to +80 °C
Minimum bending/setting radius	10 x / 5x cable diameter
AWM Style	21292



Belden declares this product to be in compliance with the environmental regulations EU RoHS (Directive 2002/95/EC, 27 January 2003); this is valid for all material produced after the RoHS compliant date for this product.