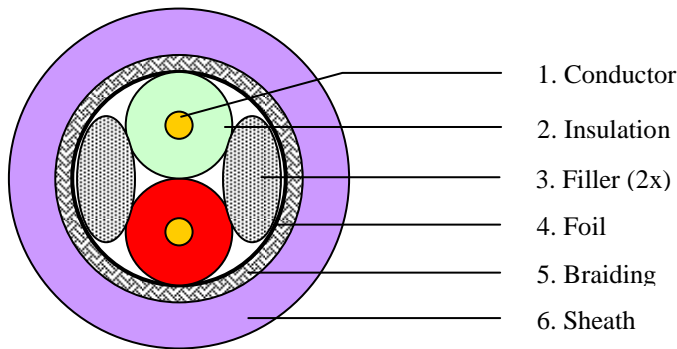
	TECHNICAL DATA SHEET	code	70101E
	Profibus cable 2 x AWG 22	version	1
		date	2012-03-06
		page	1/2


APPLICATION

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

CONSTRUCTION



1. Conductor	AWG22 solid bare Cu
2. Insulation	
Material	Foamed Polyethylene
Diameter over insulation	2.45 ± 0.10 mm
Colour of insulation	Red and green
3. Filler (2x)	
Material	polypropylene
4. Foil	
Material	Aluminium / Polyester
5. Braiding	
Material	Tinned Cu
Coverage	65%
6. Sheath	
Material	PVC
Colour	Violet or Grey
Nominal diameter over sheath	7.80 mm

	TECHNICAL DATA SHEET	code	70101E
	Profibus cable 2 x AWG 22	version	1
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REQUIREMENTS AND TEST METHODS

Electrical:

Nominal resistance conductor	52 Ω/km
Nominal capacitance conductor to conductor @ 1kHz	30 pF/m
Impedance (3 – 20 MHz)	150 ± 15 Ω
Maximum attenuation @ 0.2 MHz	0.9 dB/100m
Maximum attenuation @ 4 MHz	2.2 dB/100m
Maximum attenuation @ 16 MHz	4.5 dB/100m

*Nominal values are for information only.

Mechanical and physical:

Temperature range installing	-15 to +70 °C
Temperature range operating (moving installation)	-15 to +70 °C
Temperature range storage	-40 to +70 °C
Flame resistance	IEC 60332-1
Minimum bending/setting radius	10 x / 5x cable diameter



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.

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