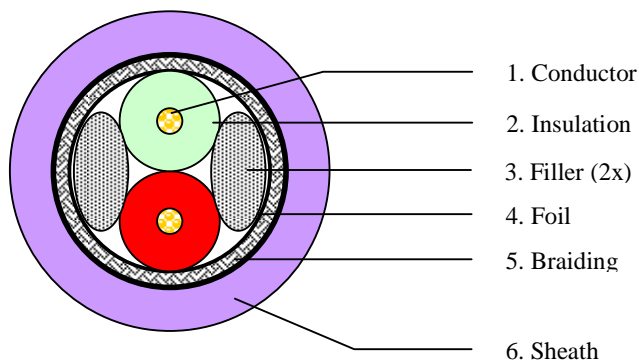
	TECHNICAL DATA SHEET	code	70102E
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APPLICATION

Instrumentation and computer cable for Data Transmission applications such as Profibus DP.
AWM Style 20276

CONSTRUCTION



1. Conductor	AWG22/7 stranded bare Cu
2. Insulation	
Material	Foamed Polyethylene
Diameter over insulation	2.55 ± 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 (like RAL4001)
Nominal diameter over sheath	8.0 mm

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REQUIREMENTS AND TEST METHODS

Electrical:

Maximum Voltage rating	30 Vrms
Maximum resistance conductor	57 Ω /km
Nominal capacitance conductor to conductor @ 1kHz	28 pF/m
Impedance (3 – 20 MHz)	150 \pm 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

Mechanical and physical:

Temperature range installing	-15 to +80 °C
Temperature range operating (fixed installation)	-40 to +80 °C
Temperature range storage	-40 to +80 °C
Flame resistance	IEC 60332-1-2/UL cable flame test
Minimum bending/setting radius	10 x / 5x cable diameter
UL AWM Style	20276



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.