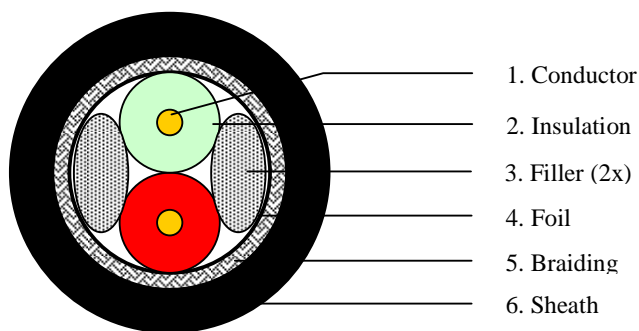
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APPLICATION


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

Suitable for outdoor use

CONSTRUCTION



1. Conductor	AWG22 solid bare Cu
2. Insulation	
Material	Foam skin 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	PE
Colour	Black
Nominal diameter over sheath	7.80 mm

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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 \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

*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 operating (fixed installation)	-40 to +70 °C
Temperature range storage	-40 to +70 °C
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.