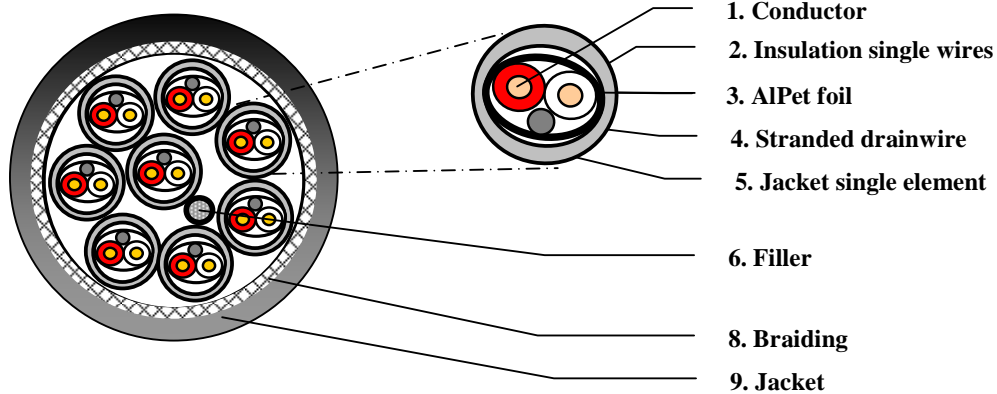
	<b>TECHNICAL DATA SHEET</b>	code	<b>70032-70037</b>
		version	<b>4</b>
	Analog Multicore Cable PVC	date	<b>2010-02-11</b>
	4-40 pair (0.14mm <sup>2</sup> )	page	<b>1/2</b>

## APPLICATION


Audio snake cable used in professional studios for the transmission of analogue signals.

## CONSTRUCTION



Each pair individually shielded with Beldfoil® aluminium-polyester shield.  
Individual pairs with numbered PVC jacket.  
Overall braid shield. Overall PVC jacket.

<b>1. Conductor</b>	
Material	Bare oxygen free copper
Dimension	7 x 0.16mm (AWG 26)
<b>2. Insulation single wires</b>	
Material	Polyethylene
Diameter over insulation	1.0 ± 0.03 mm
Colour of insulation	White and red
<b>3. Shielding Beldfoil ®</b>	
Material	AL-Pet foil with Aluminum inside
Coverage	100%
<b>4. Drainwire</b>	
Material	Tinned copper
Dimension	7 x 0.16mm (AWG 24)
<b>5. Jacket</b>	
Material	PVC
Diameter	2.8 ± 0.1 mm
<b>Cable</b>	Elements are numbered for identification n pairs
<b>6. Filler</b>	
<b>7. Foil</b>	
Material	Polyester

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	4-40 pair (0.14mm <sup>2</sup> )		page	<b>2/2</b>

**9. Braiding**

Material Tinned copper  
Coverage > 80%

**10. Outer jacket**

Material PVC

Part number	Number of pairs	Nominal O.D.	Wall thickness
70032	4	9.9	1.1
70033	8	12.5	1.1
70034	12	14.5	1.2
70035	16	16.4	1.3
70036	24	19.5	1.3
70037	40	22.0	1.3

**REQUIREMENTS AND TEST METHODS**

**Electrical:**

Nominal capacitance conductor to conductor @ 1 kHz 90 pF/m  
Nominal impedance 90 Ohm  
Nominal conductor DC resistance @ 20°C 134 Ohm/km  
High voltage test conductor-conductor 500 Vdc  
High voltage test conductors-shield 500 Vdc  
Nominal velocity of propagation: 66 %

**Mechanical and physical:**

Temperature rating -40 to +70 °C  
Minimum setting radius 5 x cable diameter  
Minimum bending during install 10 x cable diameter



Belden CDT believes 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.