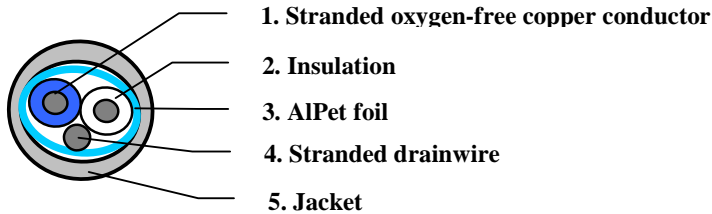
	TECHNICAL DATA SHEET	code	70051
		version	1
	AES/EBU Multi-Pair Snake Cable FRNC	date	2010-02-17
	1 pair 26AWG (0.14mm ²)	page	1/2

APPLICATION

Digital multi-modulation cable used in professional studios for the transmission of analogue and digital audio signals. Designed to meet the requirements of the AES/EBU specification

CONSTRUCTION



1. Conductor

Material
Dimension

Bare oxygen free copper
7 x 0.15mm (AWG 26)

2. Insulation single wires

Material
Diameter over insulation
Colour of insulation

Foam Polyethylene
1.10 ± 0.03 mm
White and Blue

3. Shielding Beldfoil ®

Material
Coverage

ALPet foil with Aluminum inside
100%

4. Drainwire


Material
Dimension

Tinned copper
7 x 0.16mm (AWG 26)

5. Jacket

Material
Diameter

FRNC
3.9 ± 0.2 mm

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REQUIREMENTS AND TEST METHODS

Electrical:

Impedance 0.1-6 MHz	110 Ohm +/- 15 Ohms
Nominal capacitance conductor to conductor @ 1 kHz	40 pF/m
Nominal conductor DC resistance @ 20°C	134 Ohm/km
High voltage test conductor-conductor	1.0 kVdc
High voltage test conductors-shield	1.0 kVdc
Nominal velocity of propagation:	80 %

Mechanical and physical:

Temperature rating	-30 to +70 °C
Resistance to flame propagation:	IEC 60332-1
FRNC material	
Corrosivity	IEC 60754-1 & IEC 60754-2
LOI	>34%
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.