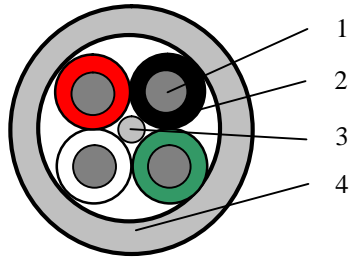
	<b>TECHNICAL DATA SHEET</b>	code	<b>70047</b>
		version	<b>3</b>
		date	<b>2010-02-11</b>
	<b>FRNC Speaker Cable 4x2.5mm<sup>2</sup></b>	page	<b>1/2</b>


## APPLICATION

Speaker cable for use in indoor or outdoor applications

## CONSTRUCTION



<b>1. Conductor</b>	Stranded 50 x 0.25 mm
Material	Bare oxygen free copper (2.5 mm <sup>2</sup> )
<b>2. Insulation</b>	FRNC
Material	FRNC
Diameter over insulation	2.70 ± 0.07 mm
Colour of insulation	Black, red, white and green
<b>3. Cablecore</b>	4 wires twisted and with a centre filler
<b>4. Sheath</b>	FRNC
Material	FRNC
Diameter over sheath	8.50 ± 0.20 mm
Colour of sheath	Grey (like RAL 7000) or Black (UV resistant)

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## REQUIREMENTS AND TEST METHODS

### Electrical:

Resistance conductor @ 20°C	< 8 Ω/km
Maximum operating voltage	300 V RMS
Test voltage conductor-conductor	1kV= for 1min.
Insulation resistance at 20C	> 200 Mohm*km

### Mechanical and physical:

Flame test	IEC 60332-1
FRNC material	
Corrosivity	IEC 60754-1 & IEC 60754-2
LOI	>34%
Max. pulling tension	700N
Temperature range operating (moving installation)	-5 to +60 °C
Temperature range operating (fixed installation)	-30 to +70 °C



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.