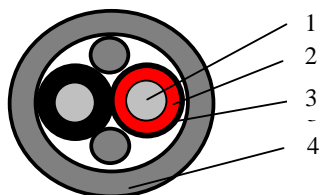
	<b>TECHNICAL DATA SHEET</b>	code	<b>70048</b>
		version	<b>2</b>
		date	<b>2010-02-11</b>
	<b>FRNC Speaker Cable 2x4.0mm<sup>2</sup></b>	page	<b>1/2</b>


## APPLICATION

Speaker cable for use in indoor or outdoor applications

## CONSTRUCTION



- |  |   |
|--|---|
| <p><b>1. Conductor</b><br/>Material</p>  | <p>Stranded 56 x 0.30 mm<br/>Bare oxygen free copper (4.0 mm<sup>2</sup>)</p>                         |
| <p><b>2. Insulation</b><br/>Material<br/>Diameter over insulation<br/>Colour of insulation</p> | <p>FRNC<br/>3.3 ± 0.10 mm<br/>Black and red</p>   |
| <p><b>3. Cable core</b></p>  | <p>2 wires twisted</p>  |
| <p><b>4. Sheath</b><br/>Material<br/>Diameter over sheath<br/>Colour of sheath</p>             | <p>FRNC with matte finish<br/>8.60 ± 0.10 mm<br/>Grey (like RAL 7000) or<br/>Black (UV resistant)</p> |

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## REQUIREMENTS AND TEST METHODS

### Electrical:

Resistance conductor @ 20°C	< 4.5 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	550N
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.