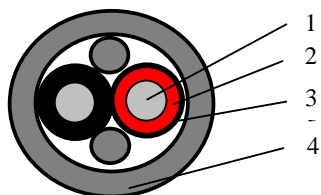
	TECHNICAL DATA SHEET	code	70046
		version	3
		date	2010-02-11
	FRNC Speaker Cable 2x2.5mm²	page	1/2


APPLICATION

Speaker cable for use in indoor or outdoor applications

CONSTRUCTION



- | | |
|--------------------------|---|
| 1. Conductor | |
| Material | Stranded 50 x 0.25 mm
Bare oxygen free copper (2.5 mm ²) |
| 2. Insulation | |
| Material | FRNC |
| Diameter over insulation | 2.70 ± 0.07 mm |
| Colour of insulation | Black and red |
| 3. Cable core | 2 wires twisted |
| 4. Sheath | |
| Material | FRNC with matte finish |
| Diameter over sheath | 7.30 ± 0.10 mm |
| Colour of sheath | Grey (like RAL 7000) or
Black (UV resistant) |

	TECHNICAL DATA SHEET	code	70046
		version	3
		date	2010-02-11
	FRNC Speaker Cable 2x2.5mm²	page	2/2

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	350N
Temperature range operating (moving instalation)	-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.