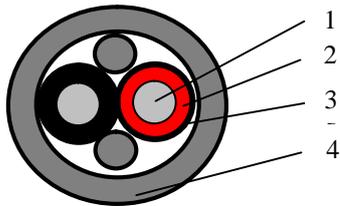


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## APPLICATION

Speaker cable for use in indoor or outdoor applications

## CONSTRUCTION



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

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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.