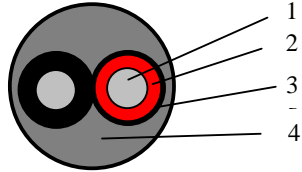
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APPLICATION

Speaker cable for use in indoor or outdoor applications

CONSTRUCTION



- | | |
|--|--|
| <p>1. Conductor
Material</p> | <p>1040 x 0.0.7 mm (4.0mm²)
bare oxygen-free Cu</p> |
| <p>2. Insulation
Material
Diameter over insulation
Colour of insulation</p> | <p>PE
3.50 ± 0.07 mm
Black and red</p> |
| <p>3. Cable core</p> | <p>two wires twisted</p> |
| <p>4. Sheath
Material
Diameter over sheath
Colour of sheath</p> | <p>Flexible FRNC with matte finish
9.00 ± 0.10 mm
Grey (like RAL 7000) or Black
(UV resistant)</p> |


REQUIREMENTS AND TEST METHODS

Electrical:

Resistance conductor @ 20°C	< 4.5 Ω/km
Maximum operating voltage	300 V RMS
Nominal capacitance at 1kHz	76 pF/m
Nominal inductance at 1 KHz	< 1.2 uH/m
Testvoltage conductor-conductor	1kV= for 1min.
Insulation resistance at 20C	> 200 Mohm*km

Mechanical and physical:

Flametest	IEC 60332-1
Halogen content according to IEC754-1	zero
Corrosivity of fire gasses according to IEC754-2	
Conductivity	≤ 100 μS/cm
pH value	≥ 3.5

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Max. pulling tension	550N
Temperature range operating (moving installation)	-5 to +60 °C
Temperature range operating (fixed installation)	-40 to +70 °C
Temperature range storage	-40 to +70 °C

MARKING

'BELDEN-NL 70004E2 2X24.0MM2 ROOM 1 2 3 4 5 ZONE A B C D E MMY" + metermarking'



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.