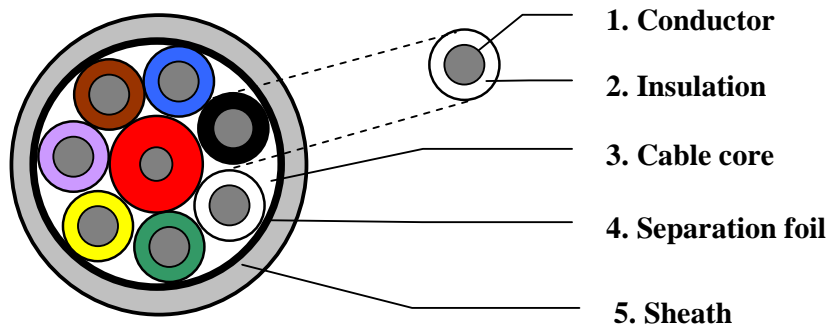
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APPLICATION


Speaker cable for use in indoor or outdoor applications

CONSTRUCTION



Element:

- 1. Conductor**
 Material: Stranded bare copper
 Dimensions: 320 x 0.10 mm (AWG 13)
- 2. Insulation**
 Material: PE
 Diameter over insulation: 2.85 ± 0.10 mm
 Diameter over insulation central conductor: 3.75 ± 0.10 mm
 Color of insulated conductors: Blue, black, white, green, yellow, purple, brown
 Color of insulated central conductor: Red
 Stranding laylength: 150 mm
- 3. Cablecore**
 8 elements twisted together
- 4. Separation foil**
 Material: Non woven foil
 Dimensions: 60 x 0.05 mm
 Coverage: 100 %
- 5. Sheath**
 Material: matte FRNC
 Diameter over sheath: 12.40 ± 0.20 mm
 Color: grey or Black (UV resistant)
 See table Marking

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REQUIREMENTS AND TEST METHODS

Electrical:

Maximum conductor DC resistance @ 20°C	≤ 8 Ω/km
Maximum operating voltage	300 V RMS
Maximum continuous current per conductor @ 25°C	9 A
Nominal capacitance at 1kHz	76 pF/m
Nominal inductance	< 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
Max. pulling tension	1500N
Minimum bending radius	65 mm
Temperature range operating (moving instalation)	-5 to +60 °C
Temperature range operating (fixed installation)	-40 to +70 °C
Temperature range storage	-40 to +70 °C

MARKING

Grey	7000/9005	BELDEN 43907NH SPEAKER 8x2.5mm ²
Black	9005/1013	BELDEN 43907NH SPEAKER 8x2.5mm ²



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.