

## Application

Speaker cables are suitable for speaker applications.

## Construction & Dimensions

3 2 1



1. **Conductor**
2. **Outer Shield**
3. **Jacket**

1. **Inner Conductor** Innenleiter - Conduttore Interno – Conducteur – Conductor - Проводник  
Material Stranded (50 x 0.52mm), bare copper  
Diameter 2.05 mm  
  
Insulation Isolation – Isolant - Isolamento – aislamiento - Изоляция  
Material PVC  
Diameter over insulation 2.9 mm  
Color of insulation Black and Red
2. **Outer shield** Gesamtschirm – Tresse générale - Schermatura esterna - blindaje exterior - внешний экран  
Outer shield Unshielded
3. **Jacket** Aussenmantel – Guaina – Gaine – Revestimiento - Оболочка  
Material PVC, matte  
Diameter: 8.05 ± 0.2 mm  
Color and text: see table Marking

## Requirements and test methods

### Electrical characteristics

Nominal capacitance conductor to conductor: 131 pF/m  
Kapazitaet (Ader/Ader) - Capacità Nominale Conduttore/Schermo - Capacité nominale entre conducteur et blindage - Capacitancia nominal de conductor a blindaje - Номинальная емкость "проводник-проводник"

Max. inner conductor DC resistance @ 20 °C: 7.4 Ω/km  
Gleichstromwiderstand Innenleiter - Resistenza Nominale DC del Conduttore Interno - Résistance du conducteur intérieur - Resistencia CC nominal del conductor interno - Номин. сопротивление пост. току внутреннего проводника

**Product Datasheet**  
**BE46381**  
**Speaker Cable**  
**2x2.5mm<sup>2</sup> – 13AWG**

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**Mechanical and physical characteristics**

Temperature range - storage/operation -15°C to +60°C  
Temperature range - installation -5 °C to + 60°C

Minimum bending radius 10x Ø cable  
Biegeradius - Raggio Minimo di Curvatura - Rayon de courbure minimum - Radio de curvatura mínimo - Минимальный радиус изгиба

Nominal cable weight 72 kg/km  
Gewicht - Peso Nominale del Cavo – Poids - Peso nominal del cable - Номинальный вес кабеля



**Ordering information**

**MARKING**

Jacket colour	Text
Black, Grey	BELDEN BE46381 SPEAKER CABLE 2x2.5 mm2

Meter marking: yes, MM-YY: month and year of manufacturing

**PACKAGING (PUT-UP, +/-10%)**

100m, 500m and 1000m

Each reel is labelled with the following data:

Belden Logo, Belden code number, item description, length on the reel and date of manufacturing.