

Product Datasheet
BE46381
Speaker Cable
2x2.5mm² – 13AWG

Rev. 2/ 2005-05-20 2/2

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

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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 Nominal 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.