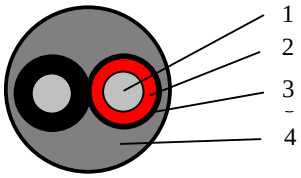
APPLICATION

Speaker cable for use in indoor or outdoor applications

CONSTRUCTION



1.	**Conductor**	30 x 0.25 mm
	Material	stranded bare Cu (1.5 mm²)
2.	**Insulation**	
	Material	PE
	Diameter over insulation	2.50 ± 0.07 mm
	Colour of insulation	Black and red
3.	**Cable core**	2 wires twisted
4.	**Sheath**	
	Material	Flexible FRNC with matte finish
	Diameter over sheath	7.00 ± 0.10 mm
	Colour of sheath	Grey (like RAL 7000) or Black (UV resistant)

REQUIREMENTS AND TEST METHODS

Electrical:

Resistance conductor @ 20°C	< 13 Ω/km
Maximum operating voltage	300 V RMS
Nominal capacitance at 1kHz	76 pF/m
Nominal inductance @ 1kHz	< 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	200N

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 sheath with text:'BELDEN 46382NH SPEAKER CABLE 2x1.5 mm2'
Black sheath with text:'BELDEN 46382NH SPEAKER CABLE 2x1.5 mm2'

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.