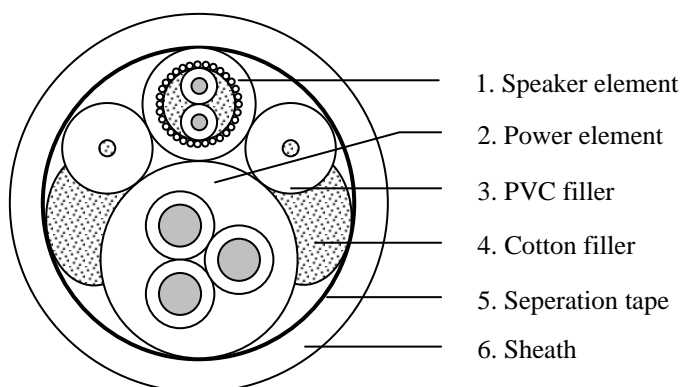


OVERVIEW CODES

Code number	Colour code xxxx	Putup yyy	Colour	Putup length
43908	3498	000	Black	100 ± 10 meter
43908	3498	500	Black	500 ± 50 meter

APPLICATION

Active speaker cable.

CONSTRUCTION

1. Speaker element
A. Conductor

Material

Bare copper

Dimensions

18 x 0.10 mm

B. Insulation

Material

Polyethylene

Diameter over insulation

1.12 ± 0.02 mm

Color of insulated conductors

Red, black

C. Filler

Material

Cotton

D. Separation foil

Material

Non woven foil

Coverage

100%

Stranding laylength

45 mm

E. Spiral screen

Material

Bare copper

Nominal coverage

90%

F. Sheath

Material

PVC

Diameter over sheath

3.50 ± 0.10 mm

Color

Black

2. Power element
A. Conductor

Material

Bare copper

Dimensions

32x0.20 mm



TECHNICAL DATASHEET

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Active Speaker Cable

B. Insulation

Material	PVC
Diameter over insulation	2.10 ± 0.10 mm
Color of insulated conductors	Brown, blue, green/yellow
Stranding laylength	75 mm

C. Jacket

Material	PVC
Diameter over sheath	6.10 ± 0.10 mm
Color	Black

3. PVC filler

Central element	Yarn
Material	PVC
Diameter over filler	2.80 ± 0.10 mm

4. Filler

Material	Cotton
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5. Separation tape

Material	Non woven foil
Coverage	100 %

6. Jacket

Material	Matte PVC
Diameter over sheath	11.70 ± 0.30 mm
Color and text	See table Marking

REQUIREMENTS AND TEST METHODS

Electrical:

Speaker element:

Max. operating voltage	500V RMS
Maximum continuous current	1.5 A
Maximum conductor DC resistance @ 20°C	148 Ohm/km
Nominal inductance speaker element	0.8 μ H/m
Nominal capacitance conductor-conductor	61 pF/m
Nominal capacitance conductor-other conductor and screen	115 pF/m

Power element:

Max. operating voltage	900 V RMS
Maximum continuous current	5 A
Maximum conductor DC resistance @ 20°C	20 Ohm/km

Mechanical and physical:

Temperature range processing and operating	-5 to +70 °C
Temperature range storage	-25 to +70 °C
Minimum bending radius	120 mm
Maximum pulling tension	200 N
Nominal copper weight	35 kg/km
Nominal cable weight	170 kg/km



TECHNICAL DATASHEET

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Active Speaker Cable

MARKING

Colour code	Sheath colour	RAL	Text
3498	Black	9005	BELDEN 43908 Active Speaker Cable

Metermarking: Yes

PACKAGING

Putup code	Putup length	Putup type
000	100 –10/+10 meter	non-returnable reel
500	500 –50/+50 meter	non-returnable reel

Each reel is labeled with the following data:

Belden Logo. Belden code number. Item description.

Length on the reel. Date of manufacture. CE marking