TECHNICAL DATA SHEET

SC215-B

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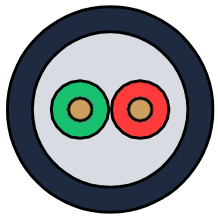
Document status	Product family	Nominal build	Revision
Issued for technical reference	Speaker cable	2 x 1.50 mm² / AWG16	03/2026 - Rev. A

CONSTRUCTION

Conductor	**2 x 1.50 mm²** speaker conductors, AWG16, bare oxygen-free copper, **30 x 0.25 mm** stranding. Class 5 flexible construction per IEC 60228 / CEI 20-29.
Insulation	PVC-based insulation compliant with VDE 0207 Part 4 and CEI EN 50363-3. Flame-retardant according to IEC 60332-1 / CEI 20-11. Rated for continuous operating temperature up to 80 C. Core colors: red, blue. Nominal insulated core diameter: approx. **2.7 mm**.
Cabling	Twisted cores in concentric layers. Flexible conductor construction suitable for light dynamic applications and general audio routing.
Outer jacket	Flexible PVC-based outer jacket for 80 C service temperature, compliant with VDE 0207 Part 5 and CEI EN 50363-4-1. Flame propagation test: IEC 60332-1 / CEI 20-11. Jacket color: black. Nominal overall diameter: approx**. 7.0 mm**.

Professional speaker-level audio connections where robust conductors, flexible handling and dependable mechanical durability are required.

SECTION VIEW



MECHANICAL CHARACTERISTICS

Service temperature range	-20 C to +80 C
Fixed installation range	-30 C to +80 C
Minimum bend radius (in service)	15 x overall diameter
Minimum bend radius (fixed)	10 x overall diameter
Approx. cable weight	70 kg/km
Outer sheath hardness	60 Shore A

ELECTRICAL CHARACTERISTICS (MATHEMATICAL EXPECTATION)

Conductor resistance	< 13 Ohm/km at 20 C
Insulation resistance	> 1.4 Mohm x km at 20 C
Nominal voltage	300 V
Test voltage	3000 V

COMPLIANCE

RoHS	Directive 2011/65/EU, including subsequent amendments.
REACH	Regulation (EC) No. 1907/2006, including current SVHC list.
CE / EU market conformity	Designed for use in assemblies and systems placed on the EU market in accordance with applicable directives and product-level obligations, including examples such as 2014/35/EU and 2014/30/EU where relevant.