

TECHNICAL DATA SHEET
SC425-B



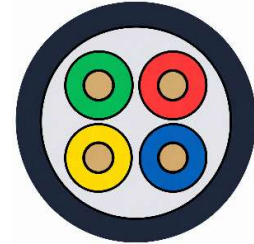
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Document status	Product family	Nominal build	Revision
Issued for technical reference	Speaker cable	4 x 2.50 mm ² / AWG13	03/2026 - Rev. A

CONSTRUCTION	
Conductor	4 x 2.50 mm ² speaker conductors, AWG13, bare oxygen-free copper, 48 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. 3.2 mm.
Cabling	Twisted cores in concentric layers. Flexible conductor construction suitable for 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. 11.0 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	170 kg/km
Outer sheath hardness	60 Shore A

ELECTRICAL CHARACTERISTICS (MATHEMATICAL EXPECTATION)	
Conductor resistance	< 8 Ohm/km at 20 C
Insulation resistance	> 1.2 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.