

T E C H N I C A L D A T A S H E E T



Accordia Loudspeaker SR series B2ca LSZH

Round Loudspeaker Cable, Halogen Free

Image representative of cable family. Actual cable may vary.

CPR Class B2ca s1,d1,a1

Round Audio Cable

FlameSmart technology

**Oxygen-Free pure copper
(min. 99,99% Cu)**

Halogen Free

**Stranded cores for improved
EMC (compared to simple
parallel cores)**

STANDARDS AND CERTIFICATES

Standards	EN 60228
	EN 50575
CPR Class	B2ca s1,d1,a1
DOP	1002702
ROHS II	complies

CONSTRUCTION

Cores	OFC Flexible copper class 5, oxygen-free
Insulation	HFFR
Laying up	Stranded cores
Core Identification	Different colors without repetition
Outer Sheath	HFFR white

MECHANICAL CHARACTERISTICS

Operation Temperature	-20 C up to +70 C
Standard packaging	3x100m, 1x300m

ELECTRICAL CHARACTERISTICS

Insulation Resistance	>200 Mohm.km
Test Voltage, core-sheath	2 KV AC 1 min
Operating Voltage	300/500 V

APPLICATIONS

AUDIO

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ELECTRICAL CHARACTERISTICS (continued)

Cores No x Cross-section	Max. DC Resistance (Ohm/km)	Max. Inductance (μH/m)	Max. Mutual Capacitance (pF/m)	Max. Tensile Force (N)	Approx. Outer Sheath (mm)
2x 0,50 mm ² / 20 AWG	39,00	0,70	70	50	5,10
4x 0,50 mm ² / 20 AWG				100	5,80
2x 0,75 mm ² / 18 AWG	26,00	0,70	70	75	5,60
4x 0,75 mm ² / 18 AWG				150	6,40
2x 1,00 mm ² / 17 AWG	19,50	0,70	70	100	5,80
4x 1,00 mm ² / 17 AWG			90	200	6,70
2x 1,50 mm ² / 16 AWG	13,30	0,70	70	150	6,20
4x 1,50 mm ² / 16 AWG			90	300	7,20
2x 2,50 mm ² / 13 AWG	7,98	0,70	90	250	7,20
4x 2,50 mm ² / 13 AWG				500	8,40
2x 4,00 mm ² / 11 AWG	4,95	0,50	120	400	8,00
4x 4,00 mm ² / 11 AWG				800	9,80



Cable is not intended for direct connection to the mains electricity supply.