



system speaker cables with sense wire LYS..

- versions in 2,5 mm² or 4,0 mm²
- voltage feedback with 0.5 mm² sense wire
- reliable, robust, low-temperature-flexible, abrasion-resistant, PUR jacket

PUR

The new KLOTZ AIS speaker system cables feature a sense line routing the actual voltage at the speaker back to the driver amp. This enables appropriately designed amps to measure voltage drop for each speaker cable and dynamically adjust output accordingly. Cables with polyurethane (PUR) jackets should be selected for uses involving high mechanical strain since they are extremely rugged, abrasion-resistant and flexible under extremely low temperatures and have outstanding winding characteristics.

construction

conductor	stranded bare copper
core insulation	PVC
sense core	stranded bare copper wire, 16 x 0.20 mm, 0.50 mm ² , PVC insulation

mechanics

min. bending radius	5x overall diameter
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electric

conductor resistance	
2.5 mm ²	< 7,5 Ω/km
4.0 mm ²	< 4,5 Ω/km
insulation resistance	> 100 MΩ x km
test voltage [50 Hz, 1 min]	2000 V
max. operating voltage	300 V
sense	< 40 Ω/km

order code	power cores mm ²	cond. const- ruction mm	outer jacket	working temperature	outer Ø mm	colour	weight kg	copper weight g/m	standard lengths m
LYS425P	4 x 2.5	50 x 0.25	PUR	-40°C / +85°C	9.5	black	0,165	105	10 / 15 / 20 / 25 / 30 / 50 / 100 / 200 / 300 / 500
LYS440P	4 x 4.0	226 x 0.15	PUR	-40°C / +85°C	11.4	black	0.24	165	10 / 15 / 20 / 25 / 30 / 50 / 100 / 200 / 300 / 500

technical specifications are subject to change