



system speaker cable with sense wire

4 x 2.5 - 4.0 mm² + 0.5 mm² - PUR

- voltage feedback with 0.5 mm² sense wire
- fine to extra fine stranded bare copper wires
- low-temperature-flexible
- abrasion-resistant
- robust 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 mm²,
 PVC insulation

mechanics

min. bending radius 5x overall diameter

electric

conductor resistance
 2.5 mm² < 7,5 Ω/km
 4.0 mm² < 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. construction mm	outer jacket	working temperature	outer Ø mm
LYS425P	4 x 2.5	50 x 0.25	PUR	-40°C / +85°C	9.5
LYS440P	4 x 4.0	226 x 0.15	PUR	-40°C / +85°C	11.4

order code	cable color	weight kg/m	copper weight g/m	standard lengths m
LYS425P	black	0.16	105	10 / 15 / 20 / 25 / 30 / 50 / 100 / 200 / 300 / 500
LYS440P	black	0.24	165	10 / 15 / 20 / 25 / 30 / 50 / 100 / 200 / 300 / 500

technical specifications are subject to change