HELUSOUND® 450 EXTREME FLEX PVC

Speaker cable, round, extremely flexible

TECHNICAL DATA

PVC speaker cable

Temperature range	flexible -30°C to +70°C fixed -40°C to +70°C
Test voltage core/core	2000 V
Minimum bending radius	flexible 8x Outer-Ø fixed 5x Outer-Ø

CABLE STRUCTURE

- Copper wire bare, extra finely stranded acc. to DIN VDE 0295 Class 6 / IEC 60228 Class 6
- Core insulation: PVC
- Core identification: colour coded
- x = without protective conductor
- Cores stranded with optimal lay lengths
- Outer sheath: PVC
- Sheath colour: black (RAL 9005)
- Length marking: in metres

PROPERTIES

- resistant to: UV radiation
- for outdoor use
- extremely flexible
- excellent flexibility allows for fast winding, unwinding, and laying

TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2

APPLICATION

HELUSOUND® 450 EXTREME FLEX PVC is suitable for mobile use as well as permanent installation, both indoors and outdoors; eliminating the need for multiple storage. The classic areas of application include festivals, professional stage technology, installations in studios and broadcasts. The use of highly flexible copper strands (class 6) and a special soft PVC sheath material means that a very high degree of flexibility and optimum feel can be achieved. At the same time, the cable is very robust and, thanks to optimised stranding technology (no corkscrew formation), a long service life can be expected.

NOTES

- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only

Part no.	No. cores x cross-sec. mm²	AWG, approx.	Conductor resistance at 20°C Ohm/km	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx.
11017574	2 x 1.5	16	13.3	6.6	28.8	72.0
11017575	2 x 2.5	14	8.0	7.5	48.0	101.0
11017577	4 x 2.5	14	8.0	8.8	96.0	157.0
11017965	8 x 2.5	14	8.0	13.5	192.0	325.0
11017576	2 x 4	12	5.0	9.4	76.8	157.0
11017578	4 x 4	12	5.0	11.6	153.6	270.0
11017573	8 x 4	12	5.0	16.8	307.2	507.0