

PAC52



POWER CORDS

The PAC52 is a high quality signal and power cable in one jacket. This kind of cable is designed to fulfill all demands when using active loudspeakers. The cable consists of a power cable and a balanced signal cable. A general outer jacket with an O.D. of 16 mm and made of flexible PVC protects each inner cable against abrasion. The inner power cable contains 3 conductors with a section of 2.5 mm², protected by a PVC jacket with an O.D of 9 mm.

The signal section is balanced and contains two twisted inner conductors of 0.125 mm² with an excellent shielding to prevent any influence of hum, noise, radio interference and magnetic fields.

The signal section is also protected by an outer jacket of PVC with an O.D. of 3.5 mm.

The PAC52 cable finds its application in mobile systems where power and signal are desired to be in one cable (active speaker systems) and is specially designed for high power systems.

GENERAL SPECIFICATIONS

Cable Model	PAC52
Type of cable	Power & audio cable
Containing	Power cable / audio cable
Cover	Cotton paper
Outer jacket	Flexible PVC
Outer jacket colour	Black
Outer jacket diameter	Ø 16 mm
Printing colour	White
Printing text	Procab PAC52
Type of packing	Wooden reel for 100 meter

POWER CABLE

Type of cable	Power cable
Inner conductor	3 pcs BC 50 x 0.25 mm
Inner conductor section	3 x 2.5 mm ²
Inner conductor colour	Green & Yellow - Blue - Brown
Outer jacket	Flexible PVC
Outer jacket colour	Black
Outer jacket diameter	Ø 9 mm
Lead resistance	0.66 Ohm - 100 meter
Max operation voltage	450 Volt
Max. current	20 Amp.
Approval	CE - VDE

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	-40° C to +80° C
	flexible installation	-25° C to +70° C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

AUDIO CABLE

Type of cable	Signal cable
Inner conductor	2 pcs TC 7 x 0.15 mm
Inner conductor section	2 x 0.125 mm ²
Isolation	PE , Ø 1.5 mm
Conductor twisting	Yes
Shielding	TC 32 x 0.12 mm, spiral
Shielding %	100%
Outer jacket	Flexible PVC
Outer jacket colour	Black
Outer jacket diameter	Ø 3.5 mm
Lead resistance	13.75 Ohm - 100 meter
Cable cross-talk	Min. 73.3 dB - 100 meter
Capacitance lead to lead	54 pF - 100 meter @ 1kHz
Capacitance lead to shielding	98 pF - 100 meter @ 1kHz