

**BASIC POWER & SIGNAL CABLE
PAC52**



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 CE VDE approved power cable and a balanced signal cable. A PVC outer jacket protects each inner cable against abrasion. The inner power cable has 3 conductors with a section of 2,5 mm². The balanced signal section 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 a PVC outer jacket with an outer diameter of 4 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.

**BASIC
SERIES**



Analog Audio Signal

Power Cords

OUTER DIAMETER
Ø 16.5 mm

APPLICATIONS
Mobile and fixed installations
Active high power speaker system

INNER CONDUCTOR
BARE COPPER
TINNED COPPER

SHIELDING
TINNED COPPER SPIRAL

GENERAL SPECS

Type of cable	Power & Signal cable
Filling	Cotton yarn
Separator	Cotton paper
Outer jacket	Flexible PVC
Outer jacket colour	Black
Outer jacket dimensions	Ø 16,5 mm

POWER CABLE

Inner conductor	BC 50 x 0,25 mm
Inner conductor section	2,5 mm ²
Isolation	PVC Ø 3,4 mm
Isolation colour	Blue/ Brown/ Yellow & Green
Number of conductors	3
Inner jacket	Flexible PVC
Inner jacket colour	Black
Inner jacket dimensions	Ø 9 mm
Lead resistance - 100m	0,66 Ohm
Max. operation voltage	450 Volt
Max. current	20 Amp
American Wire Gauge	13 AWG

AUDIO CABLE

Type of cable	Balanced signal cable
Inner conductor	2 x TC 7 x 0,15 mm
Inner conductor section	0,125 mm ²
Isolation	LDPE Ø 1,2 mm
Isolation colour	Red / White
Number of conductors	2
Conductor twisting	Yes
Shielding	TC 32 x 0,12 mm - Spiral
Filling	None
Separator	None
Inner jacket	Flexible PVC
Inner jacket colour	Black
Inner jacket dimensions	Ø 4 mm
Lead resistance - 100 meter	13,75 Ohm
Cable crosstalk - 100 meter	Min 73,3 dB
Cap. Lead to lead - meter @ 1 kHz	54 pF
Cap. Lead to shielding - meter @ 1 kHz	98 pF
Velocity of propagation (%)	69,59
American Wire Gauge	26 AWG

MECHANICAL SPECIFICATIONS

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

Available Lengths:
100 m plastic reel

