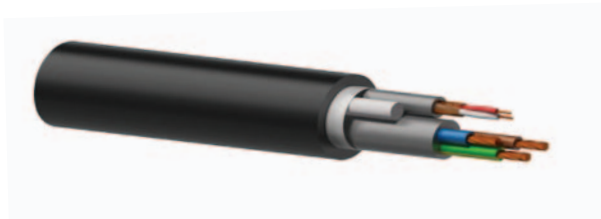


BASIC POWER & SIGNAL CABLE PAC50



The PAC50 is a high quality signal and power cable in one jacket designed to fulfill all demands when using active loudspeakers. It consists of a power cable and a balanced signal cable. A PVC outer jacket protects each inner cable against abrasion. The CE-approved inner power cable contains 3 conductors with a section of 1 mm², protected by a PVC jacket with an outer diameter of 7 mm.

The signal section is balanced and contains two twisted inner conductors 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 O.D. of 3,5 mm.

The PAC50 cable finds its application in mobile systems where power and signal are desired to be in one cable (active speaker systems).

**BASIC
SERIES**



Analog Audio Signal

Power Cords

OUTER DIAMETER

Ø 14 mm

APPLICATIONS

Microphone balanced signal. In- and outdoor fixed installation, rack cabling

INNER CONDUCTOR



SHIELDING



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 14 mm

POWER CABLE

Inner conductor	BC 58 x 0,15 mm
Inner conductor section	1 mm ²
Isolation	PVC Ø 2,3 mm
Isolation colour	Blue/ Brown/ Yellow & Green
Number of conductors	3
Inner jacket	Flexible PVC
Inner jacket colour	Grey
Inner jacket dimensions	Ø 6,5 mm
Lead resistance - 100m	1,35 Ohm
Max. operation voltage	450 Volt
Max. current	10 Amp
American Wire Gauge	18 AWG

AUDIO CABLE

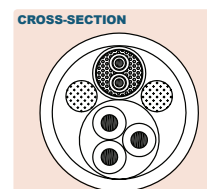
Type of cable	Balanced signal cable
Inner conductor	2 x BC 7 x 0,15 mm
Inner conductor section	0,125 mm ²
Isolation	LDPE Ø 1,0 mm
Isolation colour	Red / White
Number of conductors	2
Conductor twisting	Yes
Shielding	BC 32 x 0,12 mm - Spiral
Filling	None
Separator	None
Inner jacket	Flexible PVC
Inner jacket colour	Grey
Inner jacket dimensions	Ø 3,5 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



Audio

BULK CABLES

