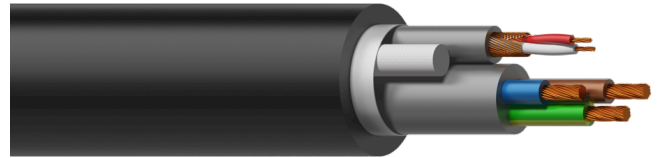


Product information:

The PAC50 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 14 mm and made of flexible PVC protects each inner cable against abrasion. The inner power cable contains 3 conductors with a section of 1.0 mm², protected by a PVC jacket with an O.D. of 7 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 PAC50 cable finds its application in mobile systems where power and signal are desired to be in one cable (active speaker systems)



Highlights:

- Flexible PVC jacket
- 17 AWG stranded conductors
- Spiral shielding
- 26 AWG balanced signal section

Inner Conductors:



Shielding:



Usage:

MOBILE

STAGE

INSTALL

Physical Characteristics:

Inner conductor	Power	Insulation	Material	PVC 2.3 mm (Ø)
	Audio	Insulation	Material	LDPE 1 mm (Ø)
			Colours	White / Red
		Shielding	Spiral	BC 32 x 0.12 mm (Ø) (OFC)
Inner jacket	Material			Flexible PVC 6.5 mm (Ø)
				Flexible PVC 3.5 mm (Ø)
	Colours			Grey
Outer jacket	Material			Flexible PVC 14 mm (Ø)
	Colours			Black
Type of cable				Power & 1 x signal cable
Inner conductor	Power	Material		BC 58 x 0.15 mm (Ø) (OFC)
		Section		1 mm ²
	Audio	Section		0.125 mm ²
	Power	American Wire Gauge		18 AWG
Filling				Cotton Yarn
Inner conductor	Power	Number of conductors		3
	Audio	American Wire Gauge		26 AWG
Separator				Cotton paper
Inner conductor	Audio	Number of conductors		2

Mechanical Characteristics:

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

Electrical Characteristics:

Lead resistance	Power	1.35 Ω / 100 m
	Audio	13.75 Ω / 100 m
Max. operation voltage	Power	300 V
Max. current	Power	10 Amp
Cable Crosstalk	Audio	Min. 73.3 dB
Nom. Velocity of propagation	Audio	69.59 %
Capacitance	Cond/Cond	54 pF / m @ 1 kHz
	Cond/Shield	98 pF / m @ 1 kHz