

Product information

The PAC60 is a high quality DMX-AES and power cable in one jacket. The cable consists of a power cable and a DMX-AES signal cable. A general outer jacket with an O.D. of 17 mm 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 DMX-AES 110 Ohm balanced and contains two twisted inner conductors of 0.11 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 5 mm. The PAC60 cable finds its application in mobile and fixed installation systems where power and DMX-AES signal are desired to be in one cable.



Highlights

- 3G2.5 (13 AWG) power section
- 24 AWG 110 Ohm digital signal section
- Braided shielding
- Individual jacketed pairs

Inner Conductors



Shielding



Usage

MOBILE

STAGE

INSTALL

Physical Characteristics

Inner conductor	Power	Section	2.5 mm ²	
		Insulation	Material	PVC 3.4 mm (Ø)
		Number of conductors	3	
	Data	Section	0.11 mm ²	
		Insulation	Material	LDPE 1.4 mm (Ø)
		Number of conductors	2	
	Power	American Wire Gauge	13 AWG	
	Data	American Wire Gauge	24 AWG	
Type of cable				Power & 1 x signal cable
Inner conductor	Power	Material	BC 50 x 0.25 mm (Ø) (OFC)	
	Data	Material	BC 10 x 0.12 mm (Ø) (OFC)	
		Insulation	Colours	White / Red
	Audio	Shielding	Braiding	BC 16 x 6 x 0.12 mm (Ø) (OFC)
Inner jacket	Material	Flexible PVC 9 mm (Ø)		
	Colours	Black		
	Material	Flexible PVC 5 mm (Ø)		
	Colours	Black		
Filling	Cotton Yarn			
Separator	Cotton paper			
Outer jacket	Material	Flexible PVC 17 mm (Ø)		
	Colours	Black		

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	0.66 / 100 m
Max. operation voltage	Power	300 V
Max. current	Power	20 Amp