

Power & 2 x DMX-AES cable - 3 x 2.5 mm² & 2 pairs x 0,11 mm² -
13 AWG & 26 AWG

Highlights:

- Braided shielding
- Individual jacketed pairs
- 3G2.5 (13 AWG) power section
- Double 26 AWG 110 Ohm digital signal section

Product information:

The PAC62 is a high quality dual channel DMX-AES and power cable on one jacket. The cable consists of a power cable and two DMX-AES signal cables. 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 consists of two separate DMX-AES channels which are each built-up from two twisted inner conductors with a section of 0.11mm², combined 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 PAC62 cable finds its application in mobile and fixed installation systems where power and DMX-AES signal are desired to be in one cable. The second DMX-AES channel can be used as second line, as spare line or depending on the application this additional line can be used for a large number of other purposes.



Inner Conductors:



Shielding:



Product Features:

Series

Bulk & Accessories

Physical Characteristics:

Type of cable	Power & 2 x DMX-AES 110 Ω cable		
Inner conductor	Power	Section	0.0039 ^{“2}
		Insulation	PVC 3.4 mm (Ø)
		Number of conductors	3
Data	Section	0.00017 ^{“2}	
		Insulation	LDPE 1.3 mm (Ø)
		Number of conductors	2 x 2
		American Wire Gauge	26 AWG
Power	American Wire Gauge	13 AWG	
	Insulation	Colours	Blue / Brown / Yellow & Green
Data	Insulation	Colours	White / Red ; White / Blue
Inner jacket	Material	Flexible PVC 9 mm (Ø)	
	Colours	Black	
	Material	Flexible PVC 5 mm (Ø)	
	Colours	Black	
Outer jacket	Material	Flexible PVC 18 mm (Ø)	
	Colours	Black	
Inner conductor	Shielding	Braiding	TC 16 x 6 x 0.12 mm (Ø) (OFC)
	Power	Material	BC 50 x 0.25 mm (Ø) (OFC)
Filling		Cotton Yarn	
Separator		Cotton paper	

Mechanical Characteristics:

Temperature range	Fixed installation	- 104 °F till + 176 °F
	Mobile installation	- 77 °F till + 158 °F
Bending radius	Fixed installation	8 x outer diameter
	Mobile installation	10 x outer diameter

Electrical Characteristics:

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