PAC151

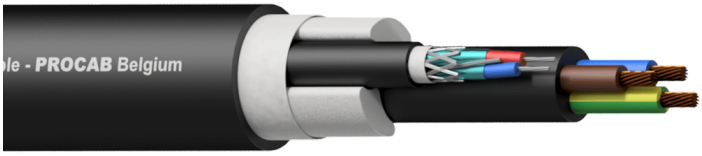
Balanced signal / DMX-AES & 3G1.5 Power cable

Highlights:

- Made in EU
- All-in-one solution
- Custom installation
- Easy and fast installation
- Combine multiple cables cores in one single cable

Product information:

The PAC151 is a hybrid power/audio cable which can be used in a variety of applications. The cable consists of 3 x 1,5mm² power section and a 2 x 0.22mm² 110 Ohm signal pair. The signal pair can be used for analog audio, digital audio or DMX. The power and signal cable each have a separate jacket which makes it easy to split out the cables at the end.



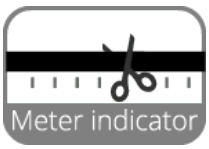
Components:

- CableType: HMX224 - 24 AWG Balanced signal / DMX-AES cable
- CableType: HPC3G1.5 - 3G1.5 3 x 1.5 mm² PVC power cable

Certification:

MADE IN EUROPE

Properties:





Product Features:

Application	Rental & MI
Series	Bulk & Accessories

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

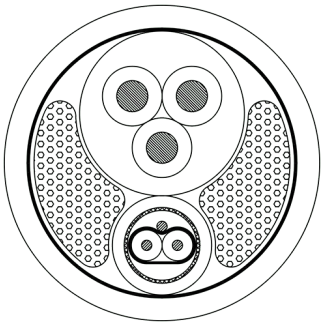
Physical Characteristics:

Components		1 x HMX224
		1 x HPC3G1.5
Outer jacket	Material	Highflex PVC 15.9 mm (Ø)
	Colours	Black
Type of cable		Power & 1 x DMX-AES 110 Ω cable
Filling		Non-woven (PET/PA) tape

Standards & regulations:

RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
Flammability test	According EN 60332-1-2

Cross sections:



Mechanical Characteristics:

Temperature range	Fixed installation	- 15 °C till + 70 °C
	Mobile installation	- 5 °C till + 75 °C
Bending radius	Fixed installation	6 x outer diameter
	Mobile installation	8 x outer diameter

Variants:

- PAC151/1 - 100 meter
- PAC151/3 - 300 meter

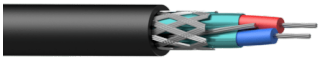
We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Component details:

HMX224

24 AWG Balanced signal / DMX-AES cable

This cable is only used as a production component for PROCAB pre-made cables and is not sold separately or in bulk. Consult the product sheet for detailed information about this component.



Physical Characteristics:

Inner conductor	Audio	Material		TC 7 x 0.2 mm (Ø) (OFC)
		Section		0.22 mm²
		American Wire Gauge		24 AWG
		Number of conductors		2
		Insulation	Material	PE 1.5 mm (Ø)
			Colours	Red / Blue
		Shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap
			Drain wire	TC 7 x 0.2 mm (Ø) (OFC)
			Braiding	TC 7 x 16 x 0.1 mm (Ø) (OFC)
Filling				Non-woven (PET/PA) tape
Outer jacket	Material			PVC 5.0 mm (Ø)
	Colours			Black

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Electrical Characteristics:

Max. conductor	DC resistance	85 (Ω / Km)
Max. shielding DC resistance		25 (Ω / Km)
Audio		47 (pF/m)
Characteristic impedance		110 Ω ± 10% Ω
Nom. Velocity of propagation		75 %
Return loss (dB)		(From 1 to 25 mHz) > 20 dB
Dielectric strength		(Cond/Shield) 1.2 (KV / 1 min. DC)
		(Cond/Cond) 0.5 (KV / 1 min. DC)

HPC3G1.5

3G1.5 3 x 1.5 mm² PVC power cable

This cable is only used as a production component for PROCAB pre-made cables and is not sold separately or in bulk. Consult the product sheet for detailed information about this component.



Physical Characteristics:

Inner conductor	Power	Material		BC 28 x 0.25 mm (Ø) (OFC)
		Section		1.5 mm²
		American Wire Gauge		16 AWG
		Number of conductors		3
		Insulation	Material	PVC 3 mm (Ø)
			Colours	Blue / Brown / Yellow & Green
Outer jacket	Colours			Black
	Material			PVC 8.3 mm (Ø)

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Electrical Characteristics:

Max. conductor	DC resistance	13.3 (Ω / Km)
Resistance	Insulation	> 200 M Ω / km
Rated voltage		Uo/U 300/500 V
Dielectric strength		2.5 (KV / 1 min. DC)

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.