

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.



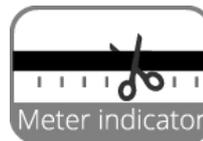
Components:

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

Certification:



Properties:



Product Features:

Application	Rental & MI
Series	Bulk & Accessories

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

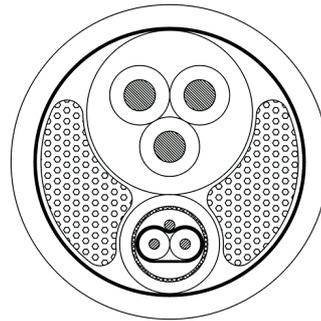
Mechanical Characteristics:

Temperature range	Fixed installation	- 59 °F till + 158 °F
	Mobile installation	- 41 °F till + 167 °F
Bending radius	Fixed installation	6 x outer diameter
	Mobile installation	8 x outer diameter

Variants:

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

Cross sections:



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	0.00034 "2
		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

Electrical Characteristics:

Max. conductor	DC resistance	85 (Ω / Km)
Max. shielding DC resistance		25 (Ω / Km)
Audio		47 (pF/m)
Characteristic impedance		110 $\Omega \pm 10\% \Omega$
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

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Physical Characteristics:

Inner conductor	Power	Material	BC 28 x 0.25 mm (\emptyset) (OFC)
		Section	0.0023 ⁴²
		American Wire Gauge	16 AWG
		Number of conductors	3
		Insulation	Material PVC 3 mm (\emptyset)
		Colours	Blue / Brown / Yellow & Green
Outer jacket	Colours		Black
	Material		PVC 8.3 mm (\emptyset)

Electrical Characteristics:

Max. conductor	DC resistance	13.3 (Ω / Km)
Resistance	Insulation	> 200 M Ω / km
Rated voltage		U ₀ /U 300/500 V
Dielectric strength		2.5 (kV / 1 min. DC)