

### Highlights:

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

### Product information:

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The PAC252 is a hybrid power/audio cable which consists of 3 x 2,5mm<sup>2</sup> power section and two times a 2 x 0.22mm<sup>2</sup> 110 Ohm signal pair. The dual signal pair makes it ideal for applications where a stereo signal is needed or where the second pair is used as redundancy. The power and the 2 signal cables each have a separate jacket which makes it easy to split out the cables at the end.



### Components:

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- CableType: HMX224 - 24 AWG Balanced signal / DMX-AES cable
- CableType: HPC3G2.5 - 3G2.5 3 x 2.5 mm<sup>2</sup> PVC power cable

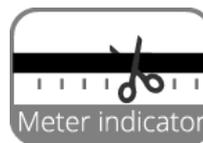
### Certification:

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### Properties:

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### Product Features:

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Application	Rental & MI
Series	Bulk & Accessories

## Physical Characteristics:

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Components		2 x HMX224
		1 x HPC3G2.5
Outer jacket	Material	Highflex PVC 18.0 mm (Ø)
	Colours	Black
Type of cable		Power & 2 x DMX-AES 110 Ω cable
Filling		Non-woven (PET/PA) tape

## Standards & regulations:

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

## Mechanical Characteristics:

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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

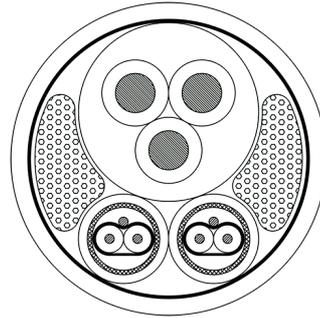
## Variants:

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- PAC252/1 - 100 meter
- PAC252/3 - 300 meter

## Cross sections:

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## 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	0.00034 <sup>42</sup>	
		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 ( $\Omega$ / Km)
Max. shielding	DC resistance	25 ( $\Omega$ / 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)

# HPC3G2.5

## 3G2.5 3 x 2.5 mm<sup>2</sup> 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 48 x 0.25 mm ( $\emptyset$ ) (OFC)	
		Section	0.0039 <sup>42</sup>	
		American Wire Gauge	16 AWG	
		Number of conductors	3	
		Insulation	Material	PVC 3.7 mm ( $\emptyset$ )
			Colours	Blue / Brown / Yellow & Green
Outer jacket	Material			PVC 10 mm ( $\emptyset$ )
	Colours			Black

## Electrical Characteristics:

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Max. conductor	DC resistance	7.98 ( $\Omega$ / Km)
Resistance	Insulation	> 200 M $\Omega$ / km
Rated voltage		U <sub>0</sub> /U 300/500 V
Dielectric strength		2.5 (KV / 1 min. DC)