

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 PAC252 is a hybrid power/audio cable which consists of 3 x 2,5mm² power section and two times a 2 x 0.22mm² 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.



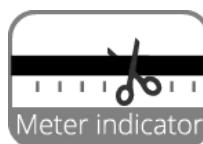
Components:

- CableType: HMX224 - 24 AWG Balanced signal / DMX-AES cable
- CableType: HPC3G2.5 - 3G2.5 3 x 2.5 mm² PVC power cable

Certification:



Properties:



Product Features:

Application

Rental & MI

Series

Bulk & Accessories

Physical Characteristics:

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

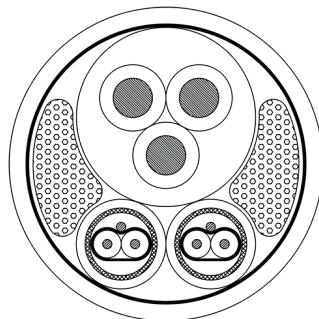
Standards & regulations:

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	- 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

Cross sections:



Variants:

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

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 ^{“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 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)

HPC3G2.5

3G2.5 3 x 2.5 mm² PVC power cable

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Physical Characteristics:

Inner conductor	Power	Material	BC 48 x 0.25 mm (Ø) (OFC)
	Section		0.0039 "²
	American Wire Gauge		16 AWG
	Number of conductors		3
	Insulation	Material	PVC 3.7 mm (Ø)
		Colours	Blue / Brown / Yellow & Green
Outer jacket	Material		PVC 10 mm (Ø)
	Colours		Black

Electrical Characteristics:

Max. conductor	DC resistance	7.98 (Ω / Km)
Resistance	Insulation	> 200 M Ω / km
Rated voltage		Uo/U 300/500 V
Dielectric strength		2.5 (KV / 1 min. DC)