

REFERENCE POWER & SIGNAL CABLE  
**PAC131**



Analog Audio Signal

Power Cords

OUTER DIAMETER  
Ø 18 mm

APPLICATIONS  
Light control, digital audio. Mobile and fixed installations. double signal, send receive, backup,...

The PAC131 cable combines one balanced signal pair (2 x 0.35 mm<sup>2</sup>) shielded by an Aluminum foil, together with a 2G2 (2mm<sup>2</sup>) power section. The twisting of the signal conductors in combination with the Aluminum foil shielding ensure a high immunity against interference and noise caused by external devices, while the flexible PVC outer jacket with an outer diameter of 7.4 mm ensures a user-friendly experience for mobile and fixed installations. Some specific applications for this kind of cable is transferring both serial data and power from control units such as system or wall panel controllers to Automation systems, LED display systems, ... This cable is optimized for Low voltage applications (24V, 48V...) and not designed for 230V use.



**GENERAL SPECS**

Type of cable	Power & Signal Cable
Filling	Cotton yarn
Separator	Cotton Paper
Outer jacket	Flexible PVC
Outer jacket colour	Black
Outer jacket dimensions	Ø 7.4 mm

**POWER SECTION**

Inner conductor	BC 7 x 36 x 0.10 (Oxygen Free Copper)
Inner conductor section	2.0 mm <sup>2</sup> (14 AWG)
Isolation	PE Ø 2.4 mm
Number of conductors	2

**SIGNAL SECTION**

Type of Cable	Balanced signal cable
Inner conductor	TC 29/0.12 (Oxygen Free Copper)
Inner conductor section	0.35 mm <sup>2</sup> (22 AWG)
insolation	HDPE Ø 1,2 mm
Number of conductors	2
Conductor twisting	Yes
Drain	TC 11/0.2 (Oxygen Free Copper)
Shielding	Al Foil

**MECHANICAL SPECIFICATIONS**

Temperature range by fixed installation		-40° C to +80° C
	by flexible installation	-25° C to +60° C
Bending radius	by fixed installation	8 x outer diameter
	by flexible installation	10 x outer diameter

Available Lengths:  
100 m plastic reel  
500 m wooden reel

