

Power & balanced signal cable - 2 x 2.0 mm² & 2 x 0.35 mm² - 14 AWG & 22 AWG

Highlights:

- · Flexible PVC jacket
- · 2G2 (14 AWG) power section
- · 22 AWG balanced signal section
- · Al-foil shielding

Product information:

The PAC131 cable combines one balanced signal pair (2 x 0.35 mm²) shielded by an Aluminum foil, together with a 2G2 (2mm²) 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.



Properties:



Inner Conductors:





Shielding:





Product Features:

Application Rental & MI
Series Bulk & Accessories

Physical Characteristics:

Audio Insulation Material HDPE 0.047 "(Ø)	Inner conductor	Power	Insulation	Material	PE 2.4 mm (Ø)
Drain wire TC 11 x 0.2 mm (Ø) (OFC) Outer jacket Material Flexible PVC 7.4 mm (Ø) Colours Black Type of cable Inner conductor Power Material BC 7 x 36 x 0.10 mm (Ø) (OFC) Section 0.0031 *2 Filling TC 29 x 0.12 mm (Ø) (OFC) Filling Cotton Yarn Inner conductor Power American Wire Gauge 14 AWG Separator Cotton paper		Audio	Insulation	Material	HDPE 0.047 " (Ø)
Outer jacket Material Flexible PVC 7.4 mm (Ø) Colours Black Type of cable Inner conductor Power Material BC 7 x 36 x 0.10 mm (Ø) (OFC) Section 0.0031 *2 Filling TC 29 x 0.12 mm (Ø) (OFC) Filling Cotton Yarn Inner conductor Power American Wire Gauge 14 AWG Number of conductors 2 Separator Cotton paper			Shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap
Type of cable Type of cable Inner conductor Power Material Section Material TC 29 x 0.12 mm (Ø) (OFC) Section Material TC 29 x 0.12 mm (Ø) (OFC) Section Filling Filling Inner conductor Power American Wire Gauge Number of conductors Separator Cotton paper				Drain wire	TC 11 x 0.2 mm (Ø) (OFC)
Type of cable Inner conductor Power Material Section O0031 "2 Audio Material TC 29 x 0.12 mm (Ø) (OFC) Filling Filling Power American Wire Gauge Number of conductors Separator Power & 1 x signal cable BC 7 x 36 x 0.10 mm (Ø) (OFC) O0031 "2 Cotton Yarn American Wire Gauge Cotton paper	Outer jacket	Material			Flexible PVC 7.4 mm (Ø)
Inner conductor Power Material Section 0.0031 "2 Audio Material TC 29 x 0.12 mm (Ø) (OFC) Section 0.00054 "2 Filling Filling Inner conductor Power American Wire Gauge Number of conductors Separator Cotton paper		Colours			Black
Section 0.0031 "2 Audio Material TC 29 x 0.12 mm (Ø) (OFC) Section 0.00054 "2 Filling Contouctor Power American Wire Gauge 14 AWG Number of conductors 2 Separator Cotton paper	Type of cable				Power & 1 x signal cable
Audio Material TC 29 x 0.12 mm (Ø) (OFC) Filling Inner conductor Power American Wire Gauge 14 AWG Separator Cotton paper	Inner conductor	Power	Material		BC 7 x 36 x 0.10 mm (Ø) (OFC)
Filling Filling Inner conductor Power American Wire Gauge Number of conductors 2 Separator Cotton Yarn 14 AWG Cotton Yarn			Section		0.0031 "2
Filling Inner conductor Power American Wire Gauge 14 AWG Number of conductors 2 Separator Cotton Yarn Number of Conductors Cotton Paper		Audio	Material		TC 29 x 0.12 mm (Ø) (OFC)
Inner conductor Power American Wire Gauge 14 AWG Number of conductors 2 Separator Cotton paper			Section		0.00054 "2
Number of conductors 2 Separator Cotton paper	Filling				Cotton Yarn
Separator Cotton paper	Inner conductor	Power	American Wire Gauge		14 AWG
			Number of conductors		2
Inner conductor Audio American Wire Gauge 22 AWG	Separator				Cotton paper
Timer conductor Addio American wife dauge 22/WG	Inner conductor	Audio	American Wire Gauge		22 AWG
Number of conductors 2			Number of conductors		2
Conductor twisting Yes		Conductor twisting			Yes

Mechanical Characteristics:

Temperature range	Fixed installation	- 104 °F till + 176 °F
	Mobile installation	- 77 °F till + 140 °F
Bending radius	Fixed installation	8 x outer diameter
	Mobile installation	10 x outer diameter