

CAB-03

Trailer Spring Coil Cable (3 m)

Vehicle camera system for trucks, buses and commercial vehicles

Pin definition **RED wire,10pcs 0.12 copper cable**

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OEM & ODM welcome - custom logo, packaging, connectors, cable length and firmware available on request.

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OVERVIEW

Key Features & Specifications

KEY FEATURES

- Heavy-duty spring coil trailer cable (tractor-to-trailer), same construction across CAB-1 to CAB-20 - only the length differs
- Copper-core conductors with aluminium-foil shielding for stable video and power transmission
- **Inside:** 30 pcs 0.1 mm copper shield for video + aluminium film shielding, 10 pcs 0.12 mm copper wires for B+ / B- / audio, 3 pcs cotton threads, PE video insulation
- **Pin definition:** 1 B+ / 2 B- / 3 audio signal / 4 video signal
- Spring coil design expands and retracts - keeps wiring tidy and resists stretching
- Professional version OD 5.5 mm vs standard 4.5 mm jacket - thicker insulation and inner construction

TECHNICAL SPECIFICATION

Product Type	Trailer spring coil cable (tractor to trailer)
Available Models	CAB-1 to CAB-20 - identical construction, length and connector per model
Coil Length	3 m coil, custom lengths on request
Conductor	Copper core: 30 x 0.1 mm video shield + 10 x 0.12 mm each for B+, B- and audio
Shielding	Aluminium film shielding + 3 cotton threads, PE video insulation
Jacket OD	5.5 mm professional version / 4.5 mm standard
Pin Definition	1 B+ | 2 B- | 3 audio signal | 4 video signal
Connector	4-pin aviation, male to female as standard
Application	Trucks, semi-trailers, caravans, horse floats

SELLING POINTS & NOTES

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- Lengths and connectors made to order, male-to-female as standard
- White wire, 10pcs 0.12 copper cable
- Black wire,10pcs 0.12 copper cable
- RED wire,10pcs 0.12 copper cable
- 30pcs 0.1 copper cable shield for video PE video wire,10pcs 0.12 copper cable
- 5 10pcs 0.12 copper cable &2.0 foaming

ORDERING NOTES

- **Video system:** confirm AHD 720P / 1080P or CVBS, and PAL / NTSC before ordering.
- **Image mode:** confirm mirror or non-mirror image, and whether parking guide lines are required.
- **Connector:** confirm 4-pin aviation or RCA, plus cable length (standard 0.3-0.5 m pigtail; 1 m / 5 m / 10 m available) and pinout for your harness.
- Lens angle and mounting position: confirm the required angle and where the camera is fitted (side / rear / front / cabin).
- **Voltage:** confirm your vehicle system - 12V and 24V versions are both available.
- Quantity, packing (colour box / neutral box) and printing or logo requirements.
- **Mounting bracket:** confirm the bracket type and screw thread your vehicle needs.
- Default specification has no parking guide lines. Other angles, NTSC or mirror versions must be confirmed in advance.

USAGE & PRECAUTIONS

- Check the supply voltage and polarity before connecting power; wrong wiring can damage the camera.
- Keep the waterproof connector tight and seal the joint; do not cut or extend the pigtail.
- Route the cable away from heat sources, sharp edges and moving parts, and secure it with clips.
- Clean the lens and the IR window with a soft cloth only; avoid high-pressure washing directly at the lens or connector.
- Do not open the sealed housing - doing so voids the waterproof rating and the warranty.
- A dirty lens or IR window reduces night image quality, so check them during regular maintenance.

IN DETAIL

Product Views & Applications









TYPICAL APPLICATIONS

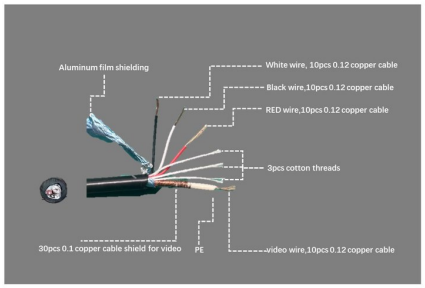
Passenger Cars | Taxis & Ride-Hailing | Vans & Light Commercial | Parking Assistance

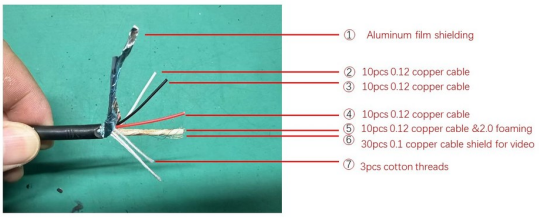
CUSTOMISATION AVAILABLE

- **Video system:** AHD 720P / 1080P or CVBS, PAL & NTSC - confirmed per order.
- **Connector:** 4-pin aviation / RCA / waterproof plug, with matching cable.
- **Cable length and pinout:** standard pigtail; 1 m / 5 m / 10 m or custom.
- **Image mode:** mirror or non-mirror image, with or without parking lines.
- **Branding:** neutral or customer-branded packaging.

IN DETAIL

Cable Construction & Comparison



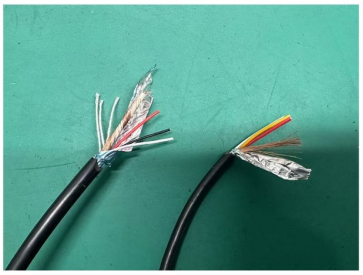




Professional quality VS universal one
1.Different OD for cable
2.Insde is different



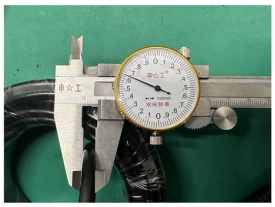
Copper connector inside to support

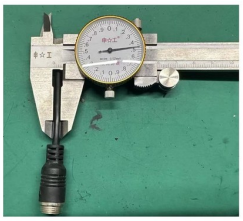


Professional quality VS universal one

Professional quality VS universal one

OD 5.5mm VS OD 4.5mm





WHAT THE COMPARISON SHOWS

Layered construction: aluminium-film shielding and 3 cotton threads, PE insulation on the video pair.

Conductors: 30 x 0.1 mm copper shield for video; 10 x 0.12 mm copper wires each for B+, B- and audio.

Pin definition: 1 B+ | 2 B- | 3 audio signal | 4 video signal.

Jacket OD 5.5 mm professional version / 4.5 mm standard, both made to order.