TRAILER CABLE
MULTICORE AUTOMOTIVE CABLE

Application
Trailer cable can be used for automotive trailers, trucks or applications that need good resistance to
weather, oil and grease. Cable' s inner conductor is stranded copper and color coded for identification
purposes with a PVC jacket

Description
The PVC trailer cable is resistant to the effect of grease, oil, solvents and gasoline and provides flexibility.
Construction
Stranded bare copper conductors
Colour coded Polyvinyl Chloride (PVC) insulation Black PVC jacket
Optional Black thermoplastic elastomer (TPE) jacket

Conductor colors vary, please specify requirements.
Additional configurations may be available – request more information.
Tinned copper conductor may be available on a special order basis.
Please contact us to enquire.
TPE (thermoplastic elastomer) jacket is resistant to ozone, oil, solvents, gasoline and abrasion and is available as an option.

OUR ADVANTAGES

EASY SOLUTIONS
ADAPTABILITY IS ONE OF OUR BEST QUALITESIT PERMIT US TO COPE WITH YOUR REQUESTON A SHORT NOTICE AND EFFEC TIVELY.

NO PRICE FIGHTS
WE ESCAPED THE OLASSICAL REBATE UNTILYOU DROP " POLICY . WE ARE PRICE WISE SINCETHE BEGINNING

HIGH LEVEL EXPERIENCE
QUR TECHNLAL CAPABILITIES HAVE BEENTESTED FOR MORE THAN 30 YEARS ANDINDRECT CONNECTION WITH END USERS . SO TOSAY

ENDLESS INVESTIGATION
WE CONTINUOUSLY MEASURE EVERYTHINGTEST . TEST AND TESTAGAIN . THIS HELPS NUNDERSTAND RISKS AND REWARDS . ANDBEPREPARED

NO FORTUNE TELLER
WE BASE OUR DECISIONS ON CLEAR BUSIESSPLANS , THINKING BEFORE MAKING OUR STEPSAND KEEPINGA'NOTTODO LISTFOR EVERYOVE OF THEM

TEAM BUILDING
OUR TEAMIS MADE NOT ONLY BY OUR STAFFBUTIT INCLUDES ALSO ALL OUR CUSTOMERSWEACT LIKEA TEAM WEGROW LKEA TEAMWE WINLIKE A TEAM

CAN BUS CABLE

White – Ground return to towing vehicle
Black – ICC-required marker and clearance lamps
Yellow – Left-hand directional signal
Red – Stoplights
Green – Right-hand directional signal
Brown – Tail lamps, three bar marker lamps and other lamps not required by ICC
Blue – Auxiliary circuits

Round multicore cables:
- 2 Core (Twin Core) cable - colour: black / white
- 3 Core cable - colour: black / white / brown
- 4 Core cable - colour: black / white / brown / yellow
- 5 Core cable - colour: black / white / brown / yellow / green - cross-section:
- 7 Core cable - colour: black / white / brown / yellow / green / red / blue
- 13 Core cable - colour: black / white / brown / yellow / green / red / blue / purple / gray / orange / red-white / blue-white / yellow-white

flat multicore cables:
- 2 Core (Twin core) cable - colour: black / red
- 3 Core cable - colour: black / white / brown

PRODUCT MIX

PVC Single Core Cable
- Suitable for 12v and 24v systems (Maximum 100v).
- Suitable for use at temperatures from -40°C to 70°C.
- Plain copper conductors- PVC insulated.

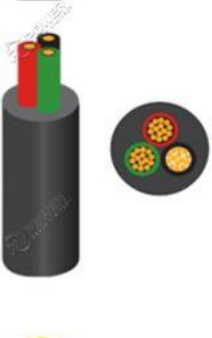
CONDUCTOR (mm)	CROSS SECTION (mm²)	CURRENT (AMPS)	MAX DIAMETER	REEL SIZE (meters)	COLOUR
14/0.30	1.0	8.75	2.7mm	50	Black
14/0.30	1.0	8.75	2.7mm	50	Brown
14/0.30	1.0	8.75	2.7mm	50	Green
14/0.30	1.0	8.75	2.7mm	50	Red
14/0.30	1.0	8.75	2.7mm	50	Blue
14/0.30	1.0	8.75	2.7mm	50	White
14/0.30	1.0	8.75	2.7mm	50	Yellow
28/0.30	2.0	17.5	3.4mm	50	Black
28/0.30	2.0	17.5	3.4mm	50	Red

Round Twin Core Cable
- Suitable for 12v and 24v systems
- Resistant to petrol, diesel, lubricating oils and diluted acids.
- Suitable for use at temperatures from -40°C to 70°C.
- Plain copper conductors- PVC insulated.

CONDUCTOR (mm)	CROSS SECTION (mm²)	CURRENT (AMPS)	MAX DIAMETER	REEL SIZE (meters)	COLOUR	CODE
2x14/0.30	2x1.0	8.75	6.4x4.0mm	100	Black/Red	1650100

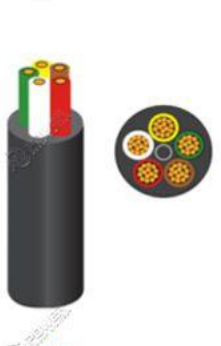
PVC Flat Twin Core Cable
- Suitable for 12v and 24v systems.
- Resistant to petrol, diesel, lubricating oils and diluted acids.
- Suitable for use at temperatures from -40°C to 70°C.
- Plain copper conductors- PVC insulated.

CONDUCTOR (mm)	CROSS SECTION (mm²)	CURRENT (AMPS)	MAX DIAMETER	REEL SIZE (meters)	COLOUR	CODE
2x14/0.30	2x1.0	8.75	6.4x4.0mm	30	Black/Red	1650
2x28/0.30	2x2.0	17.5	7.9x4.8mm	30	Black/Red	1652



PVC Round 3 Core Cable
- Suitable for 12v and 24v systems.
- Resistant to petrol, diesel, lubricating oils and diluted acids.
- Suitable for use at temperatures from -40°C to 70°C.
- Plain copper conductors- PVC insulated.

CONDUCTOR (mm)	CROSS SECTION (mm²)	CURRENT (AMPS)	MAX DIAMETER	REEL SIZE (meters)	COLOUR	CODE
3x14/3.30	3x1.0	8.75	7.5mm	30	Black/Red/Green	947



PVC Round 5 Core Cable
- Suitable for 12v and 24v systems.
- Resistant to petrol, diesel, lubricating oils and diluted acids.
- Suitable for use at temperatures from -40°C to 70°C.
- Plain copper conductors- PVC insulated.

CONDUCTOR (mm)	CROSS SECTION (mm²)	CURRENT (AMPS)	MAX DIAMETER	REEL SIZE (meters)	COLOUR	CODE
5x14/3.30	5x1.0	8.75	8.9mm	100	Red/Green/White/Brown/Yellow	950100

PVC Round 7 Core Cable
- Suitable for 12v and 24v systems.
- Resistant to petrol, diesel, lubricating oils and diluted acids.
- Suitable for use at temperatures from -40°C to 70°C.
- Plain copper conductors- PVC insulated.

CONDUCTOR (mm)	CROSS SECTION (mm²)	CURRENT (AMPS)	MAX DIAMETER	REEL SIZE (meters)	COLOUR	CODE
7x16/0.20	7x0.5	4.25	8.4mm	100	Black/Red/Green/White/Brown/Yellow/Blue	953100
7x9/0.30	7x0.65	5.75	8.9mm	100	Black/Red/Green/White/Brown/Yellow/Blue	952100

PVC Round 8 Core Cable
- Suitable for 12v and 24v systems (Maximum 100v).
- Resistant to petrol, diesel, lubricating oils and diluted acids.
- Suitable for use at temperatures from -40°C to +70°C.
- Plain copper conductors- PVC insulated.

CONDUCTOR (mm)	CROSS SECTION (mm²)	CURRENT (AMPS)	MAX DIAMETER	REEL SIZE (meters)	COLOUR	CODE
7x0.65/1x1.5	7x1.0 7x2.0	8	9.6mm	100	Orange/Red/Green/White/Brown/Yellow/Blue/Purple	958100

PVC Flexible Battery / Starter Cable
- Resistant to petrol, diesel, lubricating oils and diluted acids.
- Suitable for use at temperatures from -15°C to +70°C.
- Plain copper conductors- PVC insulated.

CONDUCTOR (mm)	CROSS SECTION (mm²)	CURRENT (AMPS)	MAX DIAMETER	REEL SIZE (meters)	COLOUR	CODE
315/0.40	40	300	12.2mm	50	Red	935R
315/0.40	40	300	12.2mm	10	Red	93510R
315/0.40	40	300	12.2mm	10	Black	93510B
315/0.40	40	300	12.2mm	50	Black	935B

PVC MATERIAL

99.99% Pure Cooeper

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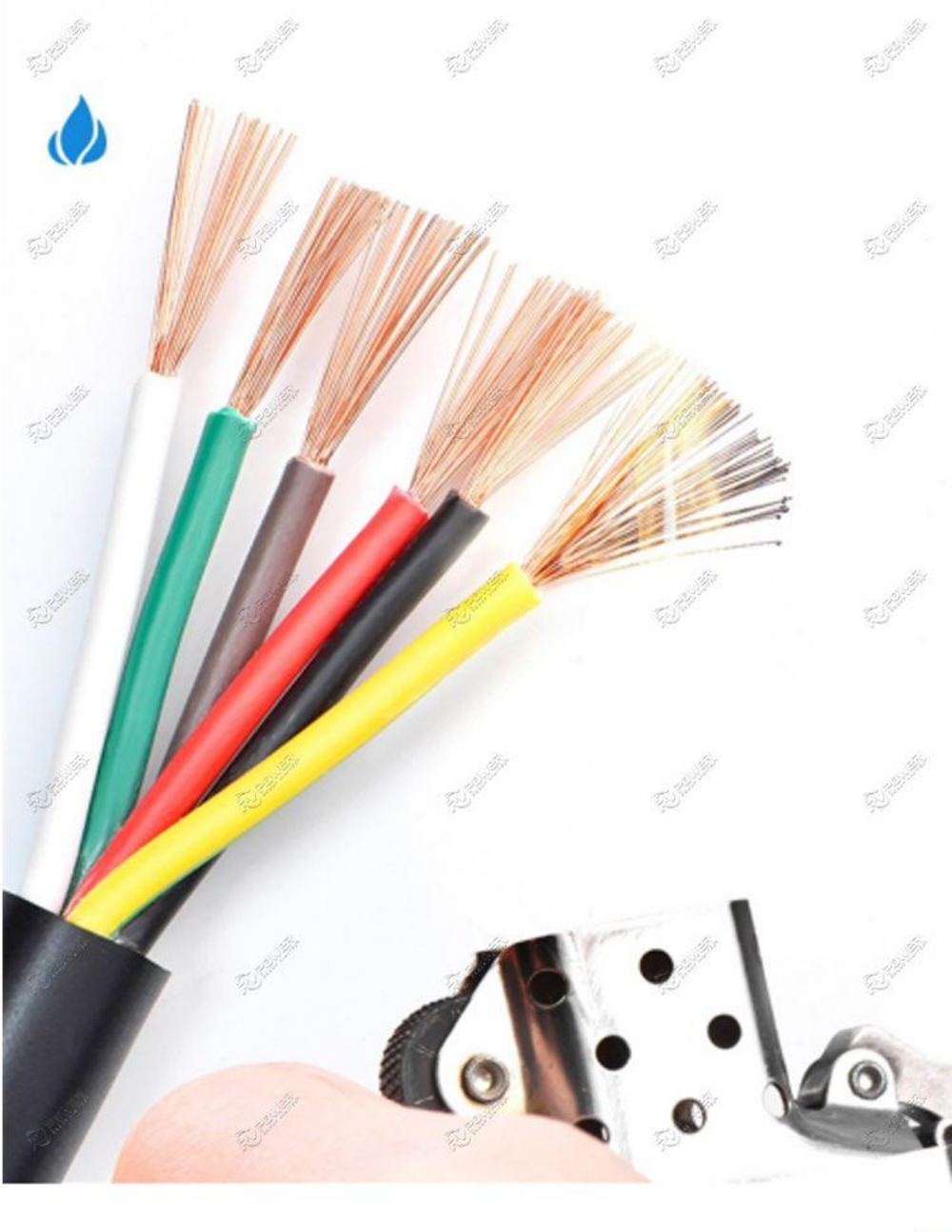
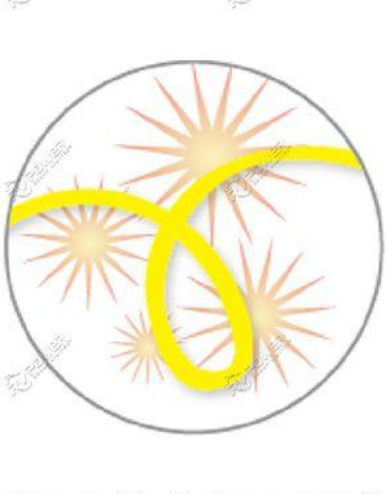


WHICH CABLE JACKET IS BEST FOR YOUR APPLICATION?

There are many different types of cable jackets and each jacket works well in a specific application. The three main sensor cable jackets are PVC (Polyvinyl Chloride), PUR (polyurethane) and TPE (thermoplastic elastomer). Each jacket type has different benefits like washdown, abrasion resistant or high flexing applications. Finding the correct jacket type for your application can extend the life of the cable.

PVC is a general purpose cable and is widely available. It is a common cable, and typically has the best price point. PVC has a high moisture resistance, which makes it a good choice for wash-down applications.

PUR is found mostly in Asia and Europe. This cable jacket type has good resistance against abrasion, oil and ozone. PUR is known for being Halogen free, not containing: chlorine, iodine, fluorine, bromine or astatine. This jacket type does have limited temperature range compared to the other jacket types, -40…80℃.

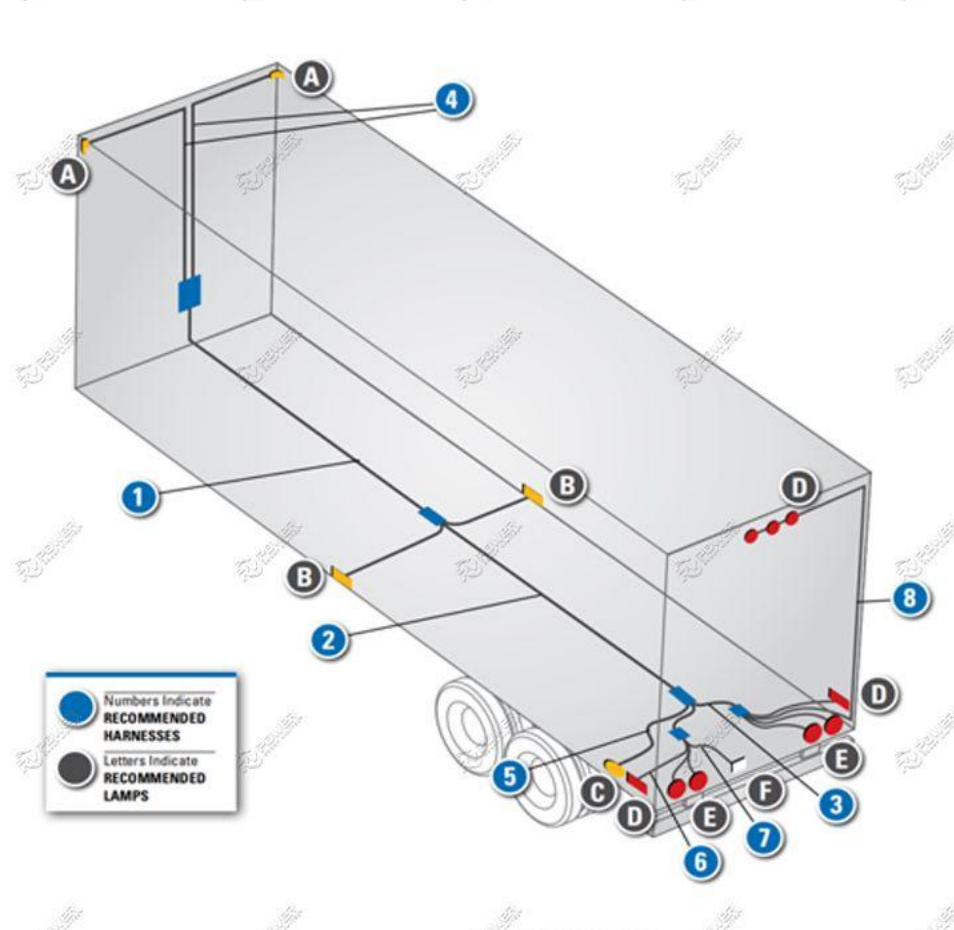


TPE is flexible, recyclable and has excellent cold temperature characteristics, -50…125⊠C. This cable is resistant against aging in the sunlight, UV and ozone. TPE has a high-flex rating, typically 10 million.

The table below details the resistance to different conditions. Note that these relative ratings are based on average performance. Special selective compounding of the jacket can improve performance.

Choosing the right jacket type can help reduce failures in the field, reducing downtime and costs.

Resistance to:	PVC	PUR	TPE
Oxidation	Excellent	Excellent	Outstanding
Heat	Good - Excellent	Excellent	Outstanding
Oil	Fair	Outstanding	Outstanding
Low Temperature Flexibility	Poor-Good	Exceltent	Outstanding
Weather, Sun	Good – Excellent	Excellent	Outstanding
Ozone	Exceltent	Exceltent	Excellent
Abrasion	Fair-Good	Exceltent	Excellent
Electrical Properties	Far-Good	Exceltent	Excellent
Flame	Excellent	Exceltent	Outstanding
Nuclear Radiation	Far	Exceltent	Poor
Water	Good - Exceltent	Good - Exceltent	Exceltent
Acid	Good - Exceltent	Excellent	Excellent
Alkali	Good - Excellent	Excellent	Excellent
Gasoline	Poor	Exceltent	Excellent
Benzol	Poor - Far	Excellent	Excellent
Degreaser Solvents	Poor - Far	Excellent	Excellent
Alcohol	Good - Excellent	Excellent	Excellent
Weld Slag	Fair	Excellent	Excellent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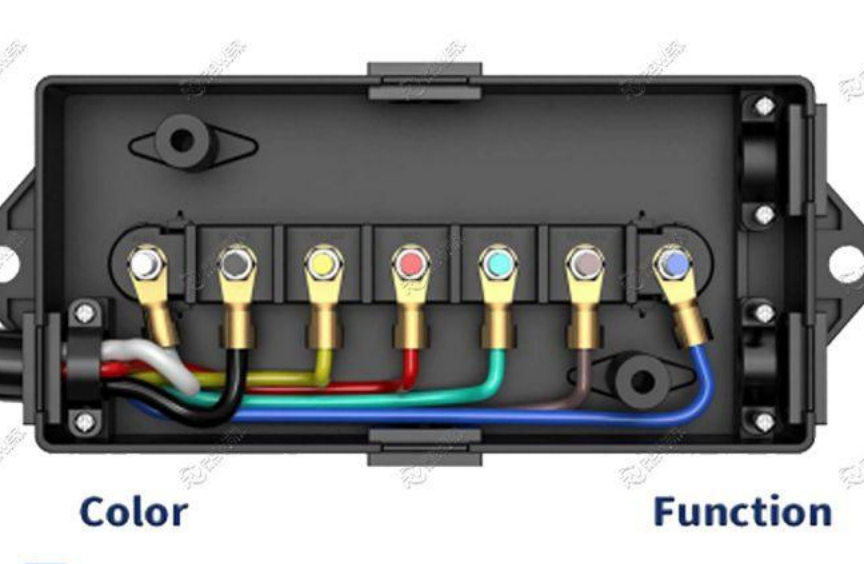
Numbers Indicate RECOMMENDED HARNESSES
Letters Indicate RECOMMENDED LAMPS

TRAILER CABLE MULTICORE AUTOMOTIVE CABLE

Complies with ADR



	Color	Function
🟦	Bule	ELEC Brake
🟫	Brown	R.Stop&Turn
🟩	Green	Tail/Running Light
🟥	Red	L.Stop&Turn
🟨	Yellow	Reverse Lights
⬛	Black	12V Charge Line/Aux
⬜	White	GRD

Soft and Sturdy PVC Housing
Unique color coding
Premium copper wires

WIDELY USED

BUS
TRAILERS
TRUCKS
DUMP
SEMI-TRAILER
TIACTORS

DETAIL DISPLAY

ONE
OXYGEN FREE PURE COPPER
Extra Flexible Bare Copper Class 5 acc.to IEC 60228

TWO
INSULATION
Special Super Flexible PVC cold weather -40°C

THREE
REINFORCE
High strength

FOUR
LOW ECCENTRICITY
The outer skin is thin and uniform, effectively preventing current breakdown and ensuring power safety

FIVE
SUPER FLEXIBLE HEATH MATERIAL
Ultra violet, oil, dilute acid and abrasion resistant general purpose grade PVC

OIL RESISTANT
FLAE RESISTANT
HALOGEN FREE
COLD RESISTANT
ABRASION RESISTANT
OZONE RESISTANT
UV RESISTANT
MICROBE RESISTANT
MUD RESISTANT
WATER RESISTANT