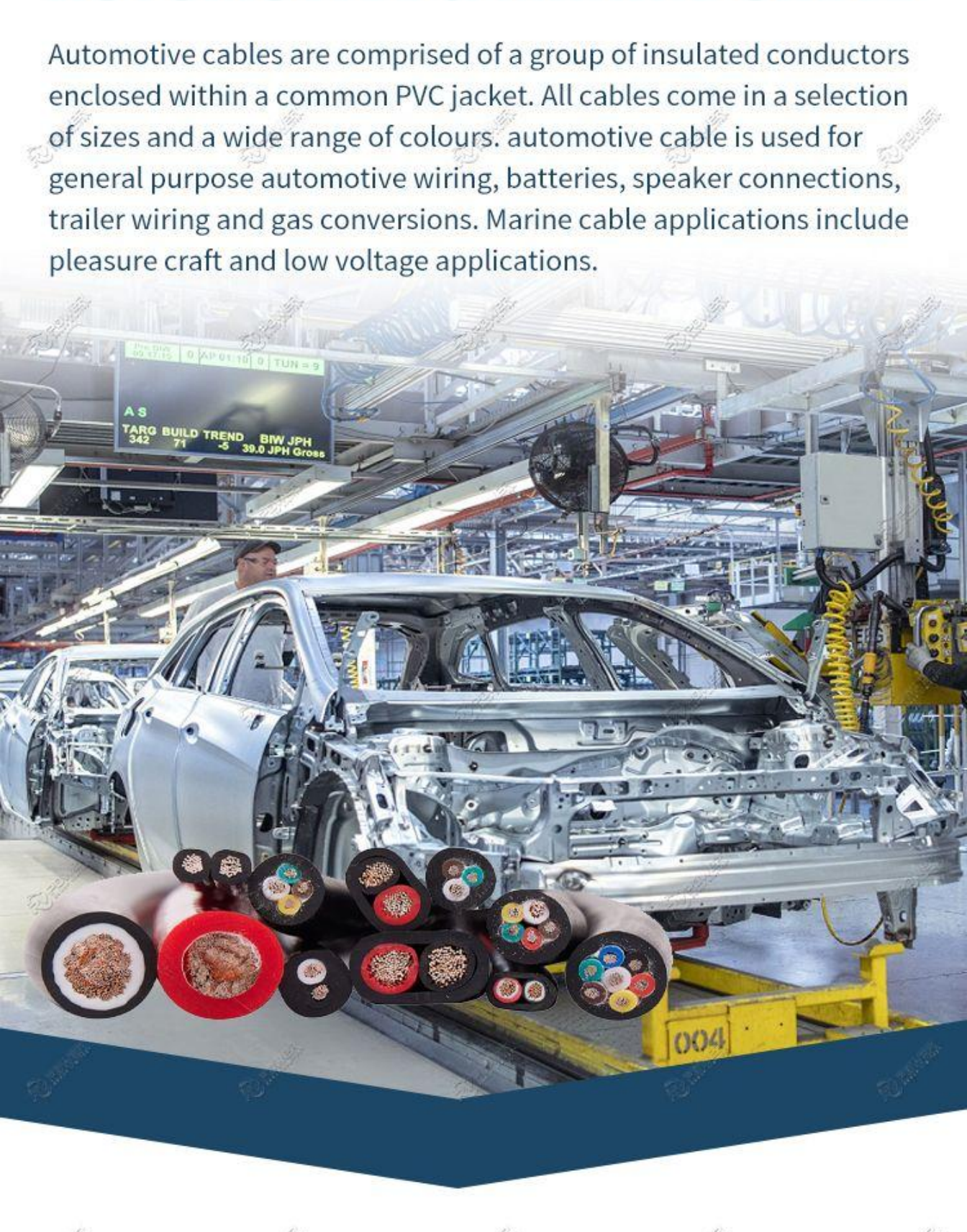
AUTOMOTIVE & MARINE CABLE

Automotive cables are comprised of a group of insulated conductors enclosed within a common PVC jacket. All cables come in a selection of sizes and a wide range of colours. automotive cable is used for general purpose automotive wiring, batteries, speaker connections, trailer wiring and gas conversions. Marine cable applications include pleasure craft and low voltage applications.



OUR ADVANTAGES

EASY SOLUTIONS

ADAPTABILITY IS ONE OF OUR BEST QUALITESIT PERMIT US TO COPE WITH YOUR REQUE STON 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 ANDIN-DRECT CONNECTION WITH END USERS . SO TOSAY

ENDLESS INVESTIGATION

WE CONTINUOUSY 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 KEEPIN-GA'NOTTODO LISTFOR EVERY-OVE 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

TWIN CORE WIRE ELECTRICAL AUTOMOTIVE CABLE 2 SHEATH 450V

Twin Cable Sheath Wire. Comprising pure oxygen-free copper and a highly durable and strong reinforced PVC cover with black sheathing, our twin core sheath wire can handle any application with ease and confidence. And that can make a difference with a good project and a great one. Not least. The wire is waterproof, fire-retardant and can withstand extreme temperature changes without losing any of its effective conductivity.

Features

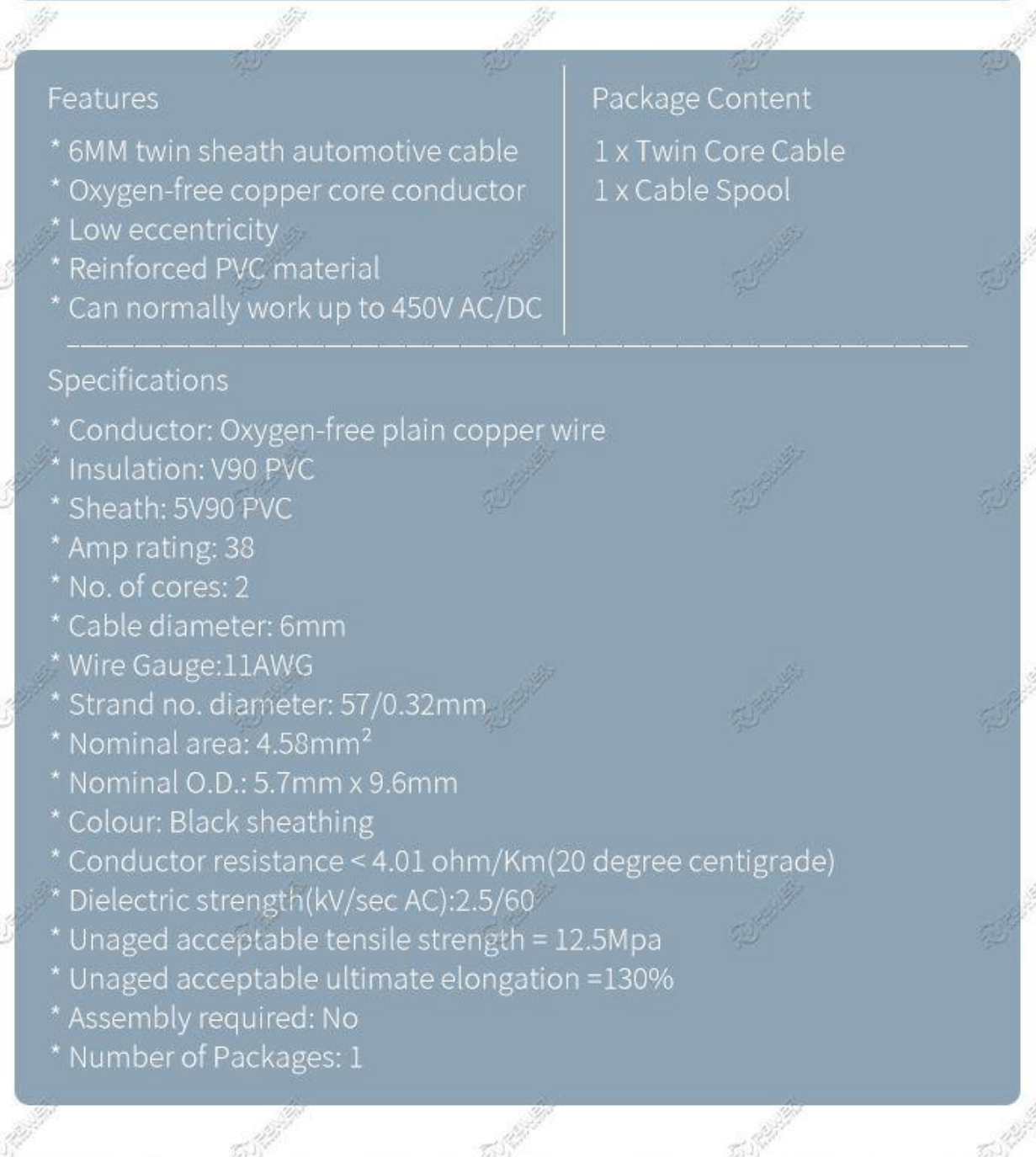
- 6MM twin sheath automotive cable
- Oxygen-free copper core conductor
- Low eccentricity
- Reinforced PVC material
- Can normally work up to 450V AC/DC

Package Content

1 x Twin Core Cable
1 x Cable Spool

Specifications

- Conductor: Oxygen-free plain copper wire
- Insulation: V90 PVC
- Sheath: 5V90 PVC
- Amp rating: 38
- No. of cores: 2
- Cable diameter: 6mm
- Wire Gauge:11AWG
- Strand no. diameter: 57/0.32mm
- Nominal area: 4.58mm²
- Nominal O.D.: 5.7mm x 9.6mm
- Colour: Black sheathing
- Conductor resistance < 4.01 ohm/Km(20 degree centigrade)
- Dielectric strength(kV/sec AC):2.5/60
- Unaged acceptable tensile strength = 12.5Mpa
- Unaged acceptable ultimate elongation =130%
- Assembly required: No
- Number of Packages: 1



AUTOMOTIVE & MARINE CABLE

PAGE 1 2 CORE FIGURE 8
PAGE 2 TWIN SHEATH 2
PAGE 3 MARINE T WIN
PAGE 4 BATTERY - STARTER
PAGE 5 MARINE BATTERY - STARTER
PAGE 6 LOW TENSION SINGLE CORE
PAGE 7 GARDEN LIGHTING CABLE
PAGE 8 MULTICORE TRAILER CABLE(MARINE)

[2 CORE FIGURE 8]

APPLICATIONS

TRAILER WIRING, 12/24VDC LOW VOLTAGE APPLICATIONS E.G. ACCESS CONTROL.

PRODUCT SPECIICATIONS

Conductor: Plain and Tinned Annealed Copper
Insulation: Coloured V90 PVC and LSZH Available
Core Coniguration: Red with Black stripe, Black with Red stripe

No. of Cores	Nominal Area (mm^2)	Strand No. /Size	Amp Rating	Electrical Resistance @ 20°c (Q/KM)	Nominal OD
2	1.13	16	20	16.5	2.6 x 5.9
2	1.84	22	28	10.1	3.1 x 6.7

[TWIN SHEATH 2 CORE FLAT]

V90 PVC INSULATED

APPLICATIONS

Trailer Wiring, 12/24VDC Low Voltage Applications e.g. Access Control

PRODUCT SPECIICATIONS

Conductor: Plain Annealed Copper
Insulation: Coloured V90 PVC
Sheath: Coloured 5V90 PVC
Core Con guration: 1. Red, 2. Black

No. of Cores	Nominal Area (mm^2)	Strand No. /Size	Amp Rating	Electrical Resistance @ 20°c (Q/KM)	Nominal OD
2	0.5	7/0.32	8	33	3.1 x 4.9
2	1.13	16/0.3	16	16.5	3.3 x 5.5
2	1.84	26/0.3		10.1	3.8 x 6.3
2	3	41/0.3	29	6.4	4.5 x 7.4
2	5	65/0.3	38	4.1	5.7 x 9.6
2	7.71	96/0.32	59	2.4	7.1 x 12.5
2	13.5	168/0.32	82	1.4	8.8 x 16
2	20.26	252/0.32	150	0.9	10.3 x 18.6
2	26.45	329/0.32	168	0.7	12.3 x 22.5
2	32.07	399/0.32	188	0.6	13.1 x 24
2	39.55	492/0.32	210	0.5	14.1 x 26.2
2	50	1235/0.32	246	0.386	14 x 25.8

[MARINE TWIN SHEATH 2 CORE FLAT]

V90 PVC INSULATED

APPLICATIONS

TRAILER WIRING, 12/24VDC LOW VOLTAGE APPLICATIONS

PRODUCT SPECIICATIONS

Conductor: Tinned Annealed Copper
Insulation: Coloured V90 PVC
Sheath: Coloured 5V90 PVC
Core Con guration: 1. Red, 2. Black

No. of Cores	Nominal Area (mm^2)	Strand No. /Size	Amp Rating	Electrical Resistance @ 20°c (Q/KM)	Nominal OD
2	0.75	24/0.2	12	26.7	4.1 x 6.5
2	1.13	16/0.3	16	16.5	3.7 x 5.8
2	1.25	18/0.3	18	14.5	3.7 x 5.9
2	1.5	30/0.25	19	13.7	4.1 x 7.2
2	1.84	26/0.3	22	10.1	4.1 x 6.6
2	2.5	50/0.25	26	8.2	4.9 x 8.1
2	4	56/0.3	35	5.1	5.6 x 9.4
2	4.5	65/0.3	38	4.1	5.9 x 9.9
2	6	84/0.3	48	3.1	6.1 x 10.4
2	10	200/0.25	65	1.85	7.6 x 13.4
2	16	224/0.3	84	1.17	8.6 x 15.5

[BATTERY / STARTER]

V90 PVC INSULATED

APPLICATIONS

BATTERY AND STARTER CABLE

PRODUCT SPECIICATIONS

Conductor: Plain Annealed Copper
Insulation: Coloured V90 PVC
Sheath: Coloured V90 PVC
Rated to 60Volt
Available Colours:Red Black

Nearest B&S	Nominal Area (mm2)	Strand No. / Size	Amp Rating @ 30°c*	Electrical Resistan @ 20°c (Ω/KM)	Nominal OD
8	7.71	96/0.32	74	2.4	5.5
6	13.5	168/0.32	103	1.4	7.2
4	20.26	252/0.32	135	0.9	8.3
3	26.45	329/0.32	168	0.7	10.2
2	32.07	399/0.32	188	0.6	11.3
1	39.55	492/0.32	210	0.5	12.1
0	49	608/0.32	246	0.4	12.7
2/0	64.15	798/0.32	292	0.3	14.5
3/0	83.19	1035/0.32	335	0.23	16.4
4/0	99.27	1235/0.32	399	0.18	17.5

[MARINE BATTERY/ STARTER]

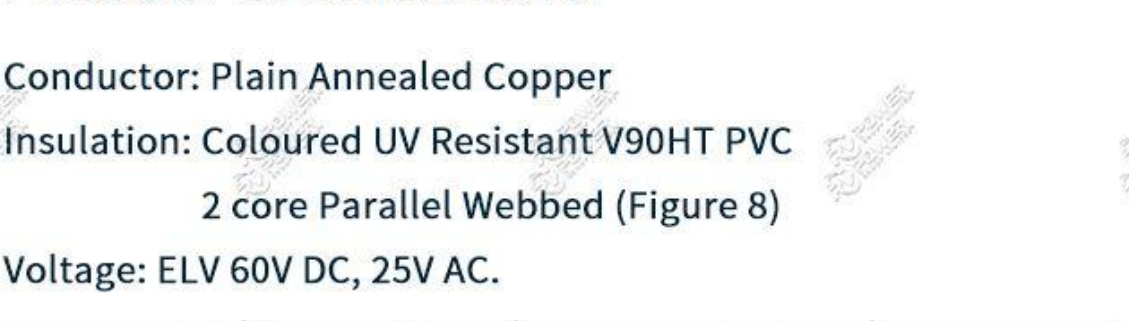
APPLICATIONS

Marine Battery and Starter Cable

PRODUCT SPECIICATIONS

Conductor: Tinned Annealed Copper
Insulation: Coloured V90 PVC

Voltage Rating	Nominal Area (mm2)	Strand No. / Size	Amp Rating @ 30°c*	Electrical Resistance @ 20°c (Ω/KM)	Nominal OD
60V d.c.	8	96/0.32	74	2.5	5.75
60V d.c.	10	320/0.20	84	1.95	6.35
60V d.c.	16	224/0.30	110	1.24	7.8
60V d.c.	25	329/0.32	168	0.79	10.2
60V d.c.	32	399/0.32	188	0.62	10.3
60V d.c.	35	492/0.32	210	0.56	11.4
60V d.c.	50	708/0.30	56	0.39	13.2
60V d.c.	70	1008/0.30	305	0.27	14.9
60V d.c.	95	3040/0.30	360	0.21	15.9



[LOW TENSION SINGLE CORE]

APPLICATIONS

General Purpose Automotive Wiring

PRODUCT SPECIICATIONS

Conductor: Plain Annealed Copper
Insulation: Coloured V90 PVC
Available Colours: Black Green Green/Yellow Blue Brown Orange
Pink Red Grey Violet White Yellow

No. of Cores	Nominal Area (mm2	Strand No. / Size	Amp Rating @ 30°c	Electrical Resistance @ 20°c (Ω/KM)	Nominal OD
1	1.13	14/0.32	20	16.5	2.2
1	1.84	23/0.32	28	10.1	2.6
1	2.9	36/0.32	37	6.4	3
1	4.59	57/0.32	48	4.1	4

[GARDEN LIGHTING CABLE]

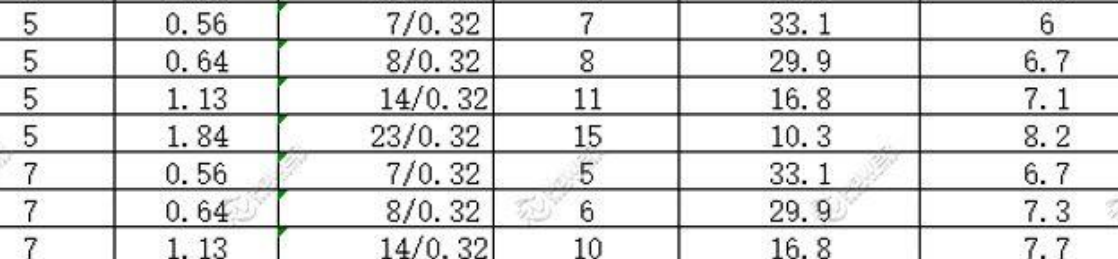
APPLICATIONS

Garden Lighting

PRODUCT SPECIICATIONS

Conductor: Plain Annealed Copper
Insulation: Coloured UV Resistant V90HT PVC
2 core Parallel Webbed (Figure 8)
Voltage: ELV 60V DC, 25V AC.

Nominal Area (mm2)	Strand No. / Size	Electrical Resistance 20°c (Ω/KM)	Nominal OD
1	32/0.2	26.7	2.6 x 5.7
1.5	30/0.25	13.7	4.0 x 8.3
4	127/0.2	4.63	4.7 x 9.5
6	192/0.2	3.1	5.5 x 11.5
10	322/0.2	1.83	6.0 x 12.5



[MULTICORE TRAILER CABLE]

V90 PVC INSULATED

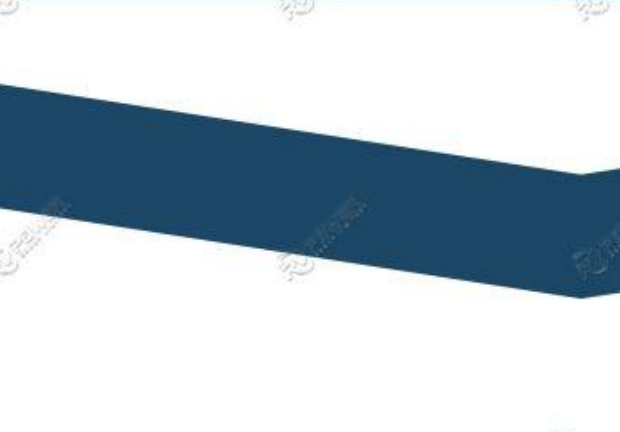
APPLICATIONS

Caravan and Trailer Wiring, 12/24VDC Low Voltage Applications

PRODUCT SPECIICATIONS

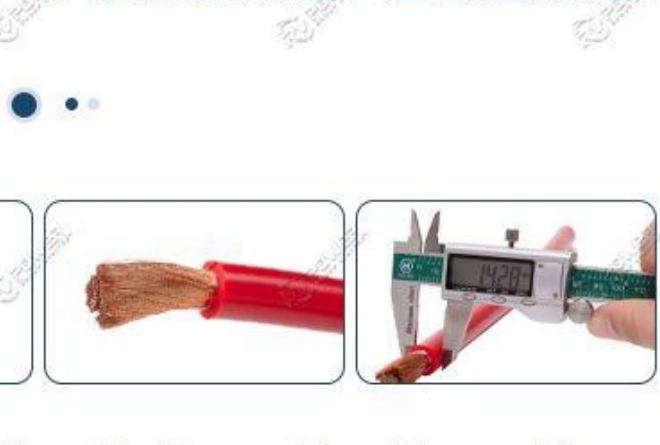
Conductor: Plain Annealed Copper /Tinned Cooper
Insulation: Coloured V90 PVC
Sheath: Coloured 5V90 PVC
Core Con guration: 1. White, 2. Yellow, 3. Brown, 4. Red, 5. Green,
6. Black, 7. Blue

No. of Cores	Nominal Area (mm2)	Strand No. Size	Amp Rating @ 30° c*	Electrical Resis @ 20° c (Ω/KM)	Nominal OD
Round Trailer Cable					
3	0.56	7/0.32	7	33.1	4.9
3	1.13	14/0.32	14	16.8	5.7
4	0.56	7/0.32	7	33.1	5.6
4	1.84	23/0.32	14	10.3	7.5
5	0.56	7/0.32	7	33.1	6
5	0.64	8/0.32	8	29.9	6.7
5	1.13	14/0.32	11	16.8	7.1
5	1.84	23/0.32	15	10.3	8.2
7	0.56	7/0.32	5	33.1	6.7
7	0.64	8/0.32	6	29.9	7.3
7	1.13	14/0.32	10	16.8	7.7
7	1.84	23/0.32	14	10.3	8.9
Flat Trailer Cable					
5	0.5	19/0. 1	7	33.1	4.4 x 13.0
7	0.5	19/0. 1	5	33.1	4.4 x 17.5
Marine Trailer Cable					
3	1.84	26/0.3	19	7.2	7.2
5	0.5	16/0.2	6	5.4	5.4
5	1	32/0.2	8	7.2	7.2
7	0.5	16/0.2	6	5.4	5.9
7	1	32/0.2	7	7.8	7.8



TWIN SHEATH DESIGN PVC MATERIAL COMES WITH OURTER JACKET THAT PROTECTS THE ACTUAL WIRE WHEN RUNING DOWN CHASSIA RAILS

PVC MATERIAL
1 WIDE WORKING TEMPERATURES
2 FIRE RETARDANT
3 WATERPROOF
4 HIGH STRENGTH



AUTOMOTIVE & MARINE CABLE

DETAIL DISPLAY

ONE
OXYGEN FREE PURE COPPER

TWO
INSULATION

Insulation: V90 PVC

THREE
REINFORCE

Reinforced PVC material

FOUR
LOW ECCENTRICITY

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

FIVE
HIGH FLEXIBLE THREAD BODY

Can normally work up to 450V AC/DC

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