

4

CABLE + ACCESSORIES



THIN WALL SINGLE | TWIN | MULTICORE CABLE
TINNED COPPER CABLE
PVC SINGLE | MULTICORE CABLE
BATTERY | SIAMESE CABLE
JUMP LEADS | POWER LEADS
BATTERY | EARTH LEADS

106-108
109
110-111
112
113-114
115

CABLES & ACCESSORIES

THIN WALL SINGLE CORE

Hard Grade Thin Wall manufactured in accordance with ISO 6722-1:2011 (Class B). Resistant to Petrol, Oils and Acids. Temperature Range is - 40°C to + 105°C. Single wiring cable for 12 and 24 volt vehicle control systems.

TECHNICAL SPECIFICATIONS

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm²)	CURRENT RATING (amps)	CABLE DIAMETER (mm)	RESISTANCE PER METRE AT 20°C (ohms)	REEL SIZES (metres)	
TW0.5	16/0.20	0.5	11	1.6	0.0371	50	100
TW0.75	24/0.20	0.75	14	1.9	0.0247	50	100
TW1.0	32/0.20	1	16.5	2.1	0.0185	50	100
TW1.5	21/0.30	1.5	21	2.4	0.0127	50	100
TW2.0	28/0.30	2	25	2.8	0.00942	50	100
TW2.5	35/0.30	2.5	29	3	0.00760	50 ●●	100
TW3.0	44/0.30	3	33	3.4	0.00600	30	100
TW4.0	56/0.30	4	39	3.7	0.00471	30	100
TW4.5	65/0.30	4.5	42	4.1	0.00406	30	100
TW6.0	84/0.30	6	50	4.3	0.00314	30	100
TW7.0	97/0.30	7	57	5.1	0.00279	30	100
TW8.5	120/0.30	8.5	63	5.6	0.00220	30	100
TW10.0	80/0.40	10	70	6	0.00182	30	100

Please note we can also obtain a wide range of Tracer Cables. Most are available direct from the manufacturer within 5 days. Some sizes and colours may carry a surcharge. Please contact our Sales Office for assistance.

COLOUR REFERENCE

TW0.5	Black	Red	Brown	Green	Blue	Yellow	White	Grey/Slate	Orange	Purple	Lt Green	Pink
TW0.75	Black	Red	Brown	Green	Blue	Yellow	White	Grey/Slate	Orange	Purple	Lt Green	Pink
TW1.0	Black	Red	Brown	Green	Blue	Yellow	White	Grey/Slate	Orange	Purple	Lt Green	Pink
TW1.5	Black	Red	Brown	Green	Blue	Yellow	White	Grey/Slate	Orange	Purple	-	Pink
TW2.0	Black	Red	Brown	Green	Blue	Yellow	White	-	-	-	-	-
TW2.5	Black	Red	Brown	Green	Blue	Yellow	White	-	-	-	-	-
TW3.0	Black	Red	-	-	-	-	-	-	-	-	-	-
TW4.0	Black	Red	-	-	-	-	-	-	-	-	-	-
TW4.5	Black	Red	-	-	-	-	-	-	-	-	-	-
TW6.0	Black	Red	Brown	-	-	-	-	-	-	-	-	-
TW7.0	Black	Red	-	-	-	-	-	-	-	-	-	-
TW8.5	Black	Red	-	-	-	-	-	-	-	-	-	-
TW10.0	Black	Red	Brown	-	-	-	-	-	-	-	-	-

COLOUR ABBREVIATIONS

Black - B Red - R Brown - N Green - G Blue - U Yellow - Y White - W Grey - S Orange - O Purple - P Lt Green - LG Pink - K
These Abbreviations will appear as a suffix to our Part Nos.

CABLES & ACCESSORIES

THIN WALL FLAT TWIN



THIN WALL FLAT TWIN

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm ²)	CURRENT RATING (amps)	SHEATH COLOUR	CORE COLOURS	OUTER SHEATH (mm)	REEL SIZES (metres)	
TTW0.5BRB	2 x 16/0.20	2 x 0.5	11	Black	● ●	2.7 x 4.6	30	100
TTW0.75BRB	2 x 24/0.20	2 x 0.75	14	Black	● ●	3.1 x 4.9	30	100
TTW1.0BRB	2 x 32/0.20	2 x 1	16.5	Black	● ●	3 x 5	30	100
TTW1.0BBW	2 x 32/0.20	2 x 1	16.5	Black	● ○	3 x 5	-	100
TTW1.0BBY	2 x 32/0.20	2 x 1	16.5	Black	● ●	3 x 5	-	100
TTW1.0BNW	2 x 32/0.20	2 x 1	16.5	Black	● ○	3 x 5	-	100
TTW1.0BRW	2 x 32/0.20	2 x 1	16.5	Black	● ○	3 x 5	-	100
TTW1.0BUW	2 x 32/0.20	2 x 1	16.5	Black	● ○	3 x 5	-	100
TTW1.0RRB	2 x 32/0.20	2 x 1	16.5	Red	● ●	3 x 5	-	100
TTW1.5BRB	2 x 21/0.30	2 x 1.5	21	Black	● ●	3.5 x 5.8	30	100
TTW2.0BRB	2 x 28/0.30	2 x 2	25	Black	● ●	3.9 x 6.5	30	100
TTW2.5BRB	2 x 35/0.30	2 x 2.5	29	Black	● ●	3.9 x 6.7	30	100
TTW3.0BRB	2 x 44/0.30	2 x 3	33	Black	● ●	4.3 x 7.5	30	100
TTW4.5BRB	2 x 65/0.30	2 x 4.5	42	Black	● ●	5.6 x 9.4	30	100



CABLES & ACCESSORIES

THIN WALL MULTICORE

THIN WALL MULTICORE CABLES

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm ²)	CURRENT RATING (amps)	SHEATH COLOUR	CORE COLOURS	OUTER SHEATH (mm)	REEL SIZES (metres)	
TW2/1	2 x 24/0.20	2 x 0.75	14	Black	Red Black	5.3	30	100
TW2/2	2 x 32/0.20	2 x 1	16.5	Black	Red Black	5	30	100
TW2/4	2 x 28/0.30	2 x 2	25	Black	Red Black	6.8	30	100
TW3/1	3 x 24/0.20	3 x 0.75	14	Black	Red Black Green	5.7	30	100
TW3/2	3 x 32/0.20	3 x 1	16.5	Black	Red Black Green	5.6	30	100
TW3/3	3 x 21/0.30	3 x 1.5	21	Black	Red Black Green	5.9	30	100
TW3/4	3 x 28/0.30	3 x 2	25	Black	Red Black Green	7.3	30	100
TW4/1	4 x 24/0.20	4 x 0.75	14	Black	Red Brown Green White	5.8	30	100
TW4/2	4 x 32/0.20	4 x 1	16.5	Black	Red Brown Green White	5.8	30	100
TW5/1	5 x 24/0.20	5 x 0.75	14	Black	Red Brown Green White Yellow	6.3	30	100
TW5/2	5 x 32/0.20	5 x 1	16.5	Black	Red Brown Green White Yellow	6.3	30	100
TW5/5	4 x 32/0.20 1 x 28/0.30	4 x 1 1 x 2	16.5 25	Black	Red Brown Green White Yellow	7.6	30	100
TW7/1	7 x 24/0.20	7 x 0.75	14	Black	Red Black Blue Brown Green White Yellow	6.8	30	100
TW7/5	6 x 32/0.20 1 x 28/0.30	6 x 1 1 x 2	16.5 25	Black	Red Black Blue Brown Green White Yellow	8.3	30	100
TW7/6	6 x 21/0.30 1 x 35/0.30	6 x 1.5 1 x 2.5	21 29	Grey	Red Black Blue Brown Green White Yellow	10.1	30	100
TW8/2	7 x 32/0.20 1 x 28/0.30	7 x 1 1 x 2	16.5 25	Black	Red Black Blue Brown Green White Yellow Purple	8.5	10	50
TW10/1	9 x 32/0.20 1 x 28/0.30	9 x 1 1 x 2	16.5 25	Black	Red Black Blue Brown Green White Yellow Purple Grey Orange	10.5	10	50
TW13/1	12 x 21/0.30 1 x 35/0.30	12 x 1.5 1 x 2.5	21 29	Black	Red Black Blue Brown Green White Yellow Purple Grey Orange Brown Pink	12	10	50



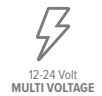
CABLES & ACCESSORIES TINNED COPPER

High temperature low voltage thin wall wiring cables suitable for use in automotive, marine and other harsh environments. The tinned copper conductors make this cable more resistant to corrosion.

SPECIFICATIONS

- Manufactured in accordance with ISO 6722-1:2011 (class B)
- Suitable for 12v and 24v systems (maximum 60v)
- Tinned copper Conductors, PVC insulated
- Suitable for use at temperatures from - 40°C to 105 °C with excursions up to 120°C
- Good resistance to petrol, diesel, lubricating oils, diluted acid and moisture
- Hard grade PVC insulation saves weight and offers good resistance to abrasion and cut through
- Cables are printed with the specification on the insulation
- Manufactured in the UK

Please contact our sales office for information about other products in this range



TINNED COPPER SINGLE CORE CABLES

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm²)	MAXIMUM OVERALL DIA (mm)	MAXIMUM LOADING (Watts)		MAXIMUM RESISTANCE PER METER AT 20°C (ohms)	REEL SIZES (metres)
				12 volt	24 volt		
TO1.5RR	21/0.30	1.5	2.4	252	504	0.0130	50
TO1.5BB	21/0.30	1.5	2.4	252	504	0.0130	50
TO2.5RR	35/0.30	2.5	3	348	696	0.00782	50
TO2.5BB	35/0.30	2.5	3	348	696	0.00782	50

TINNED COPPER 2 CORE CABLES (FLAT TWINS)

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm²)	MAXIMUM OVERALL DIMENSIONS (mm)	SHEATH COLOURS	CORE COLOURS	REEL SIZES (metres)	
TTO1.5BRB	2 x 21/0.30	2 x 1.5	3.5 x 5.8	Black	Red Black	30	100
TTO2.5BRB	2 x 35/0.30	2 x 2.5	3.9 x 6.7	Black	Red Black	30	100



CABLES & ACCESSORIES

PVC SINGLE CORE | FLAT TWIN

TECHNICAL SPECIFICATIONS - STANDARD PVC SINGLE CORE CABLES

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm ²)	CURRENT RATING (amps)	MAXIMUM OVERALL DIA (mm)	MAXIMUM LOADING (Watts)		MAXIMUM RESISTANCE PER METER AT 20°C (ohms)	REEL SIZES (metres)
14s	14/0.30	1	8.75	2.7	105	210	0.0189	50
28s	28/0.30	2	17.5	3.4	210	420	0.0094	50
44s	44/0.30	3	27.5	4.2	330	660	0.0060	50
65s	65/0.30	4.5	35	5.1	420	840	0.0041	30

COLOUR REFERENCE

14s	Black	Red	Brown	Green	Blue	Yellow	White
28s	Black	Red	Brown	Green	-	Yellow	White
44s	Black	Red	Brown	-	-	-	-
65s	Black	Red	Brown	-	-	-	-



COLOUR ABBREVIATIONS

Black - B Red - R Brown - N Green - G Blue - U Yellow - Y White - W
These Abbreviations will appear as a suffix to our Part Nos.



FLAT TWIN CABLES

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm ²)	CURRENT RATING (amps)	SHEATH COLOUR	CORE COLOURS	OUTER SHEATH (mm)	REEL SIZES (metres)	
9tBRB	2 x 9/0.30	2 x 0.65	5.75	Black	● ●	6.1 x 3.8	30	100
14tBRB	2 x 14/0.30	2 x 1	8.75	Black	● ●	6.5 x 4	30	100
28tBRB	2 x 28/0.30	2 x 2	17.5	Black	● ●	7.9 x 4.8	30	100

CABLES & ACCESSORIES

MULTICORE | GENERAL

MULTI CORE CABLES

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm ²)	CURRENT RATING (amps)	SHEATH COLOUR	CORE COLOURS	OUTER SHEATH (mm)	REEL SIZES (metres)	
3/2	3 x 14/0.30	3 x 1	8.75	Black	Red, Black, Green	7.5	30	100
4/2	4 x 14/0.30	4 x 1	8.75	Black	Red, Green, Brown, White	8	30	100
5/2	5 x 14/0.30	5 x 1	8.75	Black	Red, Green, Brown, White, Yellow	8.9	30	100
7/1	7 x 9/0.30	7 x 0.65	5.75	Black	Red, Green, Brown, White, Yellow, Blue, Black	8.9	30	100
7/5	6 x 14/0.30 1 x 28/0.30	6 x 1 1 x 2	6 x 8.75 1 x 17.5	Black	Red, Green, Brown, White, Yellow, Blue, Black	10.2	30	100

IGNITION CABLES

IC/3BB	1 x 21/0.30	1.5	-	Black	-	7	30	100
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SPEAKER CABLES

SS1	2 x 12/0.20	2 x 0.38	2	Black, White	-	3.6 x 1.7	30	100
SS2	2 x 24/0.20	2 x 0.75	6	Black, Red	-	4.3 x 2.1	30	100

EARTHING BRAID (ROUND)

BS1	16/16/0.30	19	130	Tinned Copper	-	7.2	10	-
BS2	16/32/0.30	37	260	Tinned Copper	-	11.1	10	-

ARCTIC GRADE

3183Y1.5AGY	3 x 30/0.25	3 x 1.5	15	Yellow	Blue, Brown, Green	10	100
3183Y1.5AGU	3 x 30/0.25	3 x 1.5	15	Blue	Blue, Brown, Green	10	100
3183Y2.5AGY	3 x 50/0.25	3 x 2.5	20	Yellow	Blue, Brown, Green	11	100
3183Y2.5AGU	3 x 50/0.25	3 x 2.5	20	Blue	Blue, Brown, Green	11	100

NB: Arctic Grade Cable - Yellow Sheath Colour 110 Volt Rating
Blue Sheath Colour 240 Volt Rating



CABLES & ACCESSORIES

BATTERY | STARTER

FLEXIBLE BATTERY & STARTER CABLES

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm ²)	CURRENT RATING (amps)	SHEATH COLOUR	CORE DIAMETER (mm)	OUTER SHEATH (mm)	REEL SIZES (metres)		
BAT3F BB/RR	322/0.30	25	170	● or ●	5.6	10.1	10	30	100
BAT4F BB/RR	539/0.30	40	300	● or ●	7.5	12.7	10	30	-
BAT5F BB/RR	805/0.30	60	415	● or ●	8.7	15	10	30	-

PVC EXTRA FLEXIBLE BATTERY & STARTER CABLES

PVC16 BB/RR	206/0.30	16	110	● or ●	4.5	8.3	10	30	100
PVC20 BB/RR	266/0.30	20	135	● or ●	5	9	10	30	100
PVC25 BB/RR	322/0.30	25	170	● or ●	5.6	10.1	10	30	100
PVC35 BB/RR	451/0.30	35	240	● or ●	6.7	11.8	10	30	100
PVC40 BB/RR	539/0.30	40	300	● or ●	7.5	12.7	10	30	50
PVC50 BB/RR	640/0.30	50	345	● or ●	8	13.3	10	30	-
PVC60 BB/RR	805/0.30	60	415	● or ●	8.7	15	10	30	-
PVC70 BB/RR	905/0.30	70	485	● or ●	9.4	15.5	10	30	-
PVC95 BB/RR	684/0.40	95	500	● or ●	13	17.9	10	-	-
PVC120 BB/RR	893/0.40	120	700	● or ●	15	19.7	10	-	-

SIAMESE TWIN FLEXIBLE BATTERY & STARTER CABLES

PART NUMBER	CONDUCTOR SPECIFICATION (mm)	CONDUCTOR CROSS SECTION (mm ²)	CURRENT RATING (amps)	SHEATH COLOUR	OUTER SHEATH (mm)	REEL SIZES (metres)
SBS16	490/0.21	2 x 16	106	● & ●	9 x 19	5 Metres +
SBS25	722/0.21	2 x 25	140	● & ●	11 x 23	5 Metres +
SBS35	1062/0.21	2 x 35	171	● & ●	13 x 26	5 Metres +
SBS50	1482/0.21	2 x 50	215	● & ●	15 x 30	5 Metres +

This Siamese cable is a red and black battery, starter cable bonded together forming a flexible twin.
For use on motorised vehicles, battery powered fork lift trucks and high quality booster cables.



CABLES & ACCESSORIES

JUMP PACK | POWER LEADS

12V PROFESSIONAL JUMP STARTER

JP3

- High quality automatic 5 amp rapid charger
- Unique circuitry to allow rapid charging
- Detachable leads | Heavy duty crocodile clips
- Extra-tough casing and fittings
- DC inlet and outlet sockets
- Cigarette lighter to DC outlet socket lead
- High-rate powerful Battery



TWISTED PAIR HEAVY DUTY POWER LEADS

PART No.	CABLE SIZE	CONNECTORS	LENGTH	AMP
N25	25mm ²	-	3 Metre	140
N252	25mm ²	PC2SS	3 Metre	140
N35	35mm ²	-	3 Metre	175
N352	35mm ²	PC2SS	3 Metre	175



HEAVY DUTY POWER LEADS

PART NUMBER	CABLE SIZE	CONNECTORS	LENGTH	AMP
NT252	25 mm ²	PC2SS ●	2 Metre	140
NT252R	25 mm ²	PC2RR ●	2 Metre	140
NT253	25 mm ²	PC2SS ●	3 Metre	140
NT253R	25 mm ²	PC2RR ●	3 Metre	140
NT352	35 mm ²	PC2SS ●	2 Metre	175
NT352R	35 mm ²	PC2RR ●	2 Metre	175
NT353	35 mm ²	PC2SS ●	3 Metre	175
NT353R	35 mm ²	PC2RR ●	3 Metre	175



12/24V COILED RUBBER RETRACTABLE POWER CABLE

N462

- 12 - 24 volt | 100 Amp
- 2 cores Red at 6 mm² and 2 cores Black at 6 mm²
- Complete with red Anderson connectors and handle

Working Length - 3 metres



CABLES & ACCESSORIES

BOOSTER CABLE | CROCODILE CLIPS

HEAVY DUTY BOOSTER CABLES

This range of Heavy Duty Booster Cables are manufactured from High Grade Multi-strand 100% Copper Conductors

- BC4** 5m length Flexible 25mm² Cable
Continuous 170 Amps Peak 650 Amps
- BC43** 3m length Flexible 25mm² Cable
Continuous 170 Amps Peak 650 Amps
- BC5** 5m length Flexible 35mm² Cable with Braided Clips
Continuous 240 Amps Peak 750 Amps
- BC53** 3m length Flexible 35mm² Cable with Braided Clips
Continuous 240 Amps Peak 750 Amps
- BC6** 5m length Flexible 50mm² Cable with Braided Clips
Continuous 345 Amps Peak 1000 Amps
- BC63** 3m length Flexible 50mm² Cable with Braided Clips
Continuous 345 Amps Peak 1000 Amps



IN LINE BOOSTER CABLES

BC7

- Set of 25mm² booster cables with in line 170 Amp Anderson connectors
- Total Length 5 metres (1 x 4 metre and 1 x 1 metre)



UNIVERSAL CROCODILE CLIPS

- Universal Positive & Negative Clips | Plated Steel Body | Screw Termination

- C5**
 - Rated at 5 Amps
 - Pack of 10
- C25S**
 - Rated at 25 Amps
 - Pack of 10
- C50**
 - Rated at 50 Amps
 - Pack of 10



C5



C25S



C50

HEAVY DUTY CROCODILE CLIPS

- 170 Amp
- Insulated Handles

- C250RR** ●
- C250BB** ●

170 ⚡
AMPS



HEAVY DUTY CROCODILE CLIPS

- 300 Amp
- Insulated Handles
- Braided

- C250BRRR** ●
- C250BRBB** ●

300 ⚡
AMPS



HEAVY DUTY CROCODILE CLIP

- C500RR** ●

- 500 Amp
- Fully Insulated Red

500 ⚡
AMPS



HEAVY DUTY CROCODILE CLIP

- C500BB** ●

- 500 Amp
- Fully Insulated Black

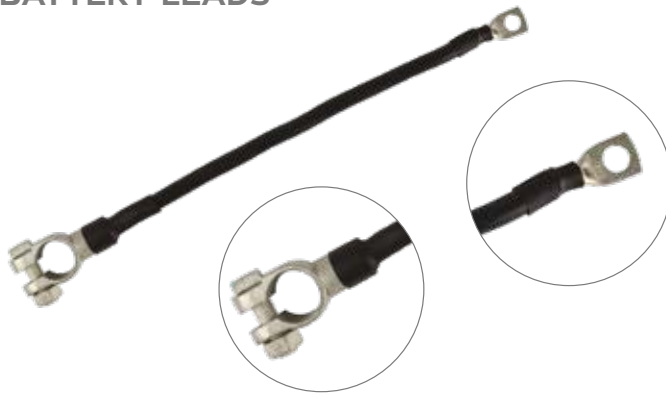
500 ⚡
AMPS



CABLES & ACCESSORIES

BATTERY | EARTH LEADS

BATTERY LEADS



PART No.	CABLE SIZE	LENGTH
G/9	16mm ²	230mm
G/12	16mm ²	300mm
G/15	16mm ²	380mm
G/18	16mm ²	460mm
G/24	16mm ²	600mm

Please state Black or Red ●●

BATTERY LEADS



PART No.	CABLE SIZE	PART No.	CABLE SIZE	LENGTH
T/9	16mm ²	T/9HD	40mm ²	230mm
T/12	16mm ²	T/12HD	40mm ²	300mm
T/15	16mm ²	T/15HD	40mm ²	380mm
T/18	16mm ²	T/18HD	40mm ²	460mm
T/24	16mm ²	T/24HD	40mm ²	600mm

Please state Black or Red ●●

EARTH LEADS



PART No.	CABLE SIZE	LENGTH
U/9	19mm ²	230mm
U/12	19mm ²	300mm
U/15	19mm ²	380mm
U/18	19mm ²	460mm
U/24	19mm ²	600mm

EARTH LEADS



PART No.	CABLE SIZE	PART No.	CABLE SIZE	LENGTH
E/9	19mm ²	E/9HD	37mm ²	230mm
E/12	19mm ²	E/12HD	37mm ²	300mm
E/15	19mm ²	E/15HD	37mm ²	380mm
E/18	19mm ²	E/18HD	37mm ²	460mm
E/24	19mm ²	E/24HD	37mm ²	600mm

POWER LEADS **MANUFACTURED TO ORDER**

Contact us with your
bespoke requirements

01202 870860 | info@guardianauto.co.uk



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