

THIN WALL SINGLE CORE AUTO CABLES

High temperature thin wall low voltage cables suitable for use in the automotive, marine and allied industries. These cables are specified as standard by manufacturers throughout Europe due to their high performance characteristics.



Specifications:-

- Cores manufactured to ISO 6722-1:2011 (Class B) 105°C
- Plain Copper Conductors to BS EN 60228:2005 - PVC Insulated
- Single core suitable for use at temperatures from -40°C to 105°C with excursions up to 120°C
- Twins and multicore PVC sheathed at 70°C
- Suitable for 12v and 24v systems (Maximum voltage 60v)
- Reduced insulation gives considerable savings in weight and volume especially when used in large wiring harnesses
- Good resistance to petrol, diesel, lubricating oils and diluted acids
- PVC insulation offers good resistance to abrasion and cut through



Part No	*Conductor Specification (mm)	Conductor Cross Section (mm ²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)**	Maximum Loading (Watts)		Resistance Per Metre at 20°C (Ohms)	Reel Sizes (Metres)
					12 Volts	24 Volts		
TW7/0.16	We will shortly be trialing these sizes; please enquire with our Sales Team!							
TW7/0.20	We will shortly be trialing these sizes; please enquire with our Sales Team!							
TW.35	12/0.20	0.35	1.40	7.0	84	168	0.0544	500
TW.5	16/0.20	0.5	1.60	11.0	132	264	0.0371	50, 100, 500
TW.75	24/0.20	0.75	1.75	14.0	168	336	0.0247	50, 100, 500
TW1.0	32/0.20	1.0	1.95	16.5	198	396	0.0185	30, 50, 100, 500
TW1.5	21/0.30	1.5	2.30	21.0	252	504	0.0127	50, 100, 500
TW2.0	28/0.30	2.0	2.55	25.0	300	600	0.00942	30, 50, 100, 500
TW2.5	35/0.30	2.5	2.75	29.0	348	696	0.00760	50, 100, 300
TW3.0	44/0.30	3.0	3.20	33.0	396	792	0.00615	30, 100, 300
TW4.0	56/0.30	4.0	3.50	39.0	468	936	0.00471	30, 100, 300
TW4.5	65/0.30	4.5	3.90	42.0	504	1008	0.00406	30, 100, 300
TW6.0	84/0.30	6.0	4.10	50.0	600	1200	0.00314	30, 100, 300
TW7.0	97/0.30	7.0	5.05	57.0	684	1368	0.00279	30, 100
TW8.5	120/0.30	8.5	5.50	63.0	756	1512	0.00220	30, 100
TW10.0	80/0.40	10.0	5.60	70.0	840	1680	0.00182	30, 100
TW16.0	126/0.40	16.0	7.30	110.0	1320	2640	0.00116	10, 30, 100
TW25.0	196/0.40	25.0	8.45	170.0	2040	4080	0.000743	10, 30, 100

*The conductor specifications shown are representative configurations, actual cable strand may differ slightly, but will meet resistance values shown.

**Nominal current amperage ratings are provided as a guide only and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.