

THIN WALL SINGLE CORE CABLE



Application; low voltage wiring suitable for use in automotive, marine and allied industries. High temperature, flame control and chemical resistant sheathing (per ISO 6722-1:2011).

Manufactured standards; ISO 6722-1:2011 class B

Conductor; Bare copper in accordance with BS EN 60228:2005

Sheath; PVC

Voltage rating; 60v max

Operating temperature; -40° to 105°C,

with excursions to 120°C

Flame propagation; Passed to ISO 6722-1:2011

Minimum bend radius; <6x OD

Chemical resistance; Resistant to engine coolant, engine oil, salt water, windscreen washer fluid

BS softness; **60-65

Shore A hardness; **64-66

Test report no.; 59834/59836/60587

AMC

The Connections Group



UK MANUFACTURER



ISO 9001



Maximum loading (Watts)

AMC part no.	Conductor specification (mm)	Conductor cross section (mm ²)	Maximum overall diameter (mm)	Nominal current rating (Amps)	Maximum loading (Watts)		Maximum resistance per metre at 20°C (Ohms)	Reel sizes (metres)
					12 Volts	24 Volts		
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	50, 100, 300
TW4.0	56/0.30	4.0	3.50	39.0	468	936	0.00471	50, 100, 300
TW4.5	65/0.30	4.5	3.90	42.0	504	1008	0.00406	50, 100, 300
TW6.0	84/0.30	6.0	4.10	50.0	600	1200	0.00314	50, 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 the resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on the application, condition and environmental factors. If in doubt, please consult a qualified electrician. ** Indicates values of the sheathing not the finished cable.