

Multicore Trailer Cable (ATC, AWM, ATH)

V90 PVC insulated

Applications

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

Product Specifications

Construction:

Conductor: Plain Annealed Copper to AS/NZS1125

Drawn from Class 110A copper to AS/NZS1574

Insulation: Coloured V90 PVC to AS/NZS 3808

Sheath: Coloured 5V90 PVC to AS/NZS3808

Relevant Standard: AS/NZS3808, AS/NZS1125, & AS/NZS1574

Core Configuration: 1. White, 2. Yellow, 3. Brown, 4. Red, 5. Green, 6. Black, 7. Blue



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Amp Rating @ 30°C*	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
ATC37032	3	0.56	7/0.32	7	33.1	4.9
ATC31603	3	1.13	14/0.32	14	16.8	5.7
ATC47032	4	0.56	7/0.32	7	33.1	5.6
ATC42603	4	1.84	23/0.32	14	10.3	7.5
ATC57032	5	0.56	7/0.32	7	33.1	6.0
ATC5903	5	0.64	8/0.32	8	29.9	6.7
ATC51603	5	1.13	14/0.32	11	16.8	7.1
ATC52603	5	1.84	23/0.32	15	10.3	8.2
ATC77032	7	0.56	7/0.32	5	33.1	6.7
ATC7903	7	0.64	8/0.32	6	29.9	7.3
ATC71603	7	1.13	14/0.32	10	16.8	7.7
ATC72603	7	1.84	23/0.32	14	10.3	8.9

Flat Trailer Cable

AWM519019	5	0.5	19/0.19	7	33.1	4.4 x 13.0
AWM719019	7	0.5	19/0.19	5	33.1	4.4 x 17.5

Road Train – ADR 63 – Heavy Duty

ATH565032	5	5.22	65/0.32	30	3.6	14.7
ATH765032	6	5.22	65/0.32	28	3.6	16.5
ATH0845	6 + 1	1.13	14/0.32	20	16.5	7.80
ATH0845		2.00	26/0.32	31	8.8	11.5

*Amp Rating to JASO D609 derating factors apply.

Derating Factors for Ambient Temperatures °C

Temperature	30	40	50	60	70
Factor	1	0.9	0.76	0.60	0.45