

# Twin Sheath 2 Core Flat (AWC)

V90 PVC insulated

## Applications

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

## 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. Red, 2. Black.



Code	No. of Cores	Nominal Area (mm <sup>2</sup> )	Strand No. / Size	Amp Rating @ 30°C	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
AWC27032	2	0.5	7/0.32	8	33	3.1 x 4.9
AWC21603	2	1.13	16/0.3	16	16.5	3.3 x 5.5
AWC22603	2	1.84	26/0.3	22	10.1	3.8 x 6.3
AWC24103	2	3.0	41/0.3	29	6.4	4.5 x 7.4
AWC26503	2	5.0	65/0.3	38	4.1	5.7 x 9.6
AWC296032	2	7.71	96/0.32	59	2.4	7.1 x 12.5
AWC2168032	2	13.5	168/0.32	82	1.4	8.8 x 16
AWC2252032	2	20.26	252/0.32	150	0.9	10.3 x 18.6
AWC2329032	2	26.45	329/0.32	168	0.7	12.3 x 22.5
AWC2399032	2	32.07	399/0.32	188	0.6	13.1 x 24
AWC2492032	2	39.55	492/0.32	210	0.5	14.1 x 26.2
AWC2156802	2	50	1235/0.32	246	0.386	14 x 25.8

### Derating Factors for Ambient Temperatures °C

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