

Single Core AVS Thin Wall (AUD)

V90HT PVC insulated 105°C
(Low Voltage, 80°C as per JASO D611)

Applications

Harness and Wiring Loom Manufacturing

Product Specifications

Construction:

Conductor: Plain Annealed Copper to AS/NZS1125 and JIS-C3102

Drawn from Class 110A copper to AS/NZS1574

Insulation: Coloured V90HT PVC to AS/NZS 3808

and to meet performance criteria of JASO D611

Relevant Standards:

AS/NZS3808, AS/NZS1125, AS/NZS1574, JASO D611, JASO D609, and JIS-C3102

Available Colours:

- Black
- Green
- Blue
- Brown
- Orange
- Pink
- Red
- Grey
- Violet
- White
- Yellow
- *stripes available by request



Code	Nearest SAE (B&S) AWG	Nominal Area (mm ²)	Strand No. / Size	Amp Rating @ 30°C*	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
AUD17026	21 ½	0.37	7/0.26	10	50	1.7
AUD17032	20	0.56	7/0.32	13	32.7	1.9
AUD116026	18	0.85	16/0.26	17	22	2.1
AUD116032	16	1.29	16/0.32	20	14.3	2.4
AUD126032	14	2.09	26/0.32	31	8.8	2.9
AUD141032	12	3.30	41/0.32	42	5.5	3.55
AUD165032	10	5.22	65/0.32	56	3.5	4.35

*Amp Rating to JASO D609 derating factors apply.

Derating Factors for Ambient Temperatures °C

No of Cables	1	2	3	4	5	6-7	8-10	11-12
Factor	1	0.80	0.70	0.60	0.55	0.50	0.45	0.40

Derating Factors for Ambient Temperatures °C

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