

Marine Twin Sheath 2 Core Flat (MWS)

V90 PVC insulated

Applications

Trailer Wiring, 12/24VDC Low Voltage Applications

Product Specifications

Construction:

Conductor: Tinned Annealed Copper to AS/NZS1125

Drawn from Class 102 copper to AS/NZS1574

Insulation: Coloured V90 PVC to AS/NZS 3808

Sheath: Coloured 5V90 PVC to AS/NZS3808

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

Core Configuration: 1. Red, 2. Black



Current Code	New Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Amp Rating @ 30 °C*	Electrical Resistance @ 20 °C (Ω/KM)	Nominal OD
MWS21603	MATS-3T	2	1.13	16/0.3	16	16.5	3.7 x 5.8
MWS22603	MATS-4T	2	1.84	26/0.3	22	10.1	4.1 x 6.6
MWS26503	MATS-6T	2	4.5	65/0.3	38	4.1	5.9 x 9.9
MWS296032	MATB-8T	2	8	96/0.3	59	2.4	7.1 x 12.5

*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