

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



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Amp Rating @ 30°C*	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
MWS22402	2	0.75	24/0.2	12	26.7	4.1 x 6.5
MWS21603	2	1.13	16/0.3	16	16.5	3.7 x 5.8
MWS21803	2	1.25	18/0.3	18	14.5	3.7 x 5.9
MET2CK025	2	1.5	30/0.25	19	13.7	4.1 x 7.2
MWS22603	2	1.84	26/0.3	22	10.1	4.1 x 6.6
MWS250025	2	2.5	50/0.25	26	8.2	4.9 x 8.1
MWS25603	2	4	56/0.3	35	5.1	5.6 x 9.4
MWS26503	2	4.5	65/0.3	38	4.1	5.9 x 9.9
MWS28403	2	6	84/0.3	48	3.1	6.1 x 10.4
MWS2200025	2	10	200/0.25	65	1.85	7.6 x 13.4
MWS222403	2	16	224/0.3	84	1.17	8.6 x 15.5

*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