

## FTM SERIES

High Performance Flexible Twin Marine Cable 300/500V 75°C



### APPLICATIONS:

- Marine** Suitable for wiring on pleasure craft and other marine applications requiring flexible tinned copper conductors.
- Lighting** Used for festoon and garden lighting where a flexible cable is required.
- Audio** Amplifiers and audio equipment where oxygen free copper wire is required.

### PRODUCT FEATURES:



- ▶ Tinned fine stranded copper conductor
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (*See Technical Section*)

### CONSTRUCTION:

- Conductor** Annealed tinned copper stranded high flexibility (Class 5).
- Insulation** Special SPVC V-75.
- Sheath** SPVC 4V-75.

### CHARACTERISTICS:

- Operating Temperature Range** Fixed -20°C to 75°C / Flexing -5°C to 75°C.
- Maximum Conductor Temperature** 75°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).
- Rated Voltage** U<sub>o</sub>/U 300/500v.
- Max AC Operating Voltage** U<sub>o</sub> 318v.
- Minimum Bending Radius** Fixed 10 x cable diameter / Flexing 15 x cable diameter.
- Sheath Colour** Black.
- Standard Core Colours** Red, Black.
- Relevant Standards** AS/NZS 1125, AS/NZS 3808, IEC 60332-1, **RoHS** Compliant.

Code	No. of Cores x Size (mm <sup>2</sup> )	Approx. Stranding No. of wires x mm	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)	Nominal Amps un-enclosed protected from sun @ 30°C fixed application		1 Phase Volt Drop @50Hz / MAX. Conductor Temp: 75°C (Mv/Am)
					Spaced 	Touching 	
<b>FTM2/0.75</b>	2 x 0.75	24/0.20	4.2h x 6.5w	38	14	12	63.200
<b>FTM2/1.5</b>	2 x 1.5	48/0.20	4.6h x 7.2w	60	23	21	32.300
<b>FTM2/2.5</b>	2 x 2.5	80/0.20	5.4h x 8.8w	90	30	29	19.400
<b>FTM2/4.0</b>	2 x 4.0	127/0.20	6.2h x 10.5w	130	40	38	12.000