

MTSV SERIES

Survey Compliant Flexible Twin
Marine Cable 0.6/1kV 90°C



APPLICATIONS:

Marine Suitable for wiring on pleasure craft and commercial vessels that require survey compliant cables.

PRODUCT FEATURES:

- ▶ Tinned 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 XLPE.

Sheath PVC ST2.

CHARACTERISTICS:

Temperature Range Fixed -20°C to 90°C.

Voltage Rating 0.6/1kV.

Minimum Bending Radius Fixed 10 x Cable Diameter.

Sheath Colour Black with Blue stripe, or White with Blue stripe.

Core Colour Red & Black.

Maximum Conductor temperature 90°C.

Relevant Standards AS/NZS 3004.1&2, IEC 60228,

IEC 60092-360, IEC 60092-350, IEC 60092-353, IEC 60332-3-22,

RoHS Compliant.

Code	Size (Core x mm)	Conductor Construction (mm)	Thickness of Insulation (mm)	Thickness of Sheath (mm)	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)	Max D.C. Resistance at 20°C (m Ω/mt)
MTSV2/0.75	2 x 0.75	24/0.2	0.8	1.0	4.8 x 7.6	38	26.7
MTSV2/1.0	2 x 1.0	32/0.2	0.8	1.0	5.0 x 8.0	53	20
MTSV2/1.5	2 x 1.5	48/0.2	0.8	1.1	5.4 x 8.6	60	13.7
MTSV2/2.5	2 x 2.5	80/0.2	0.8	1.1	5.8 x 9.4	90	8.21
MTSV2/4.0	2 x 4.0	127/0.2	1.0	1.2	7.0 x 11.6	130	5.09
MTSV2/6.0	2 x 6.0	190/0.2	1.0	1.2	7.9 x 13.4	143	3.39
MTSV2/10	2 x 10	318/0.2	1.0	1.3	9.2 x 15.8	310	1.95
MTSV2/16	2 x 16	504/0.2	1.0	1.4	10.4 x 18.0	403	1.24
MTSV2/25	2 x 25	770/0.2	1.2	1.6	12.7 x 22.2	615	0.795
MTSV2/35	2 x 35	703/0.25	1.2	1.7	14.7 x 26.0	765	0.565