

FLEXIBLE SINGLE CORE CABLES

MST SERIES

High Performance Flexible
Appliance / Marine Wire 0.6/1kV 90°C



APPLICATIONS:

Power Flexible thermal insulated wire suitable for switchboard wiring, motors and transformers.

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

Audio Amplifiers and audio equipment where oxygen-free copper wire is required.

PRODUCT FEATURES:

- ▶ Tinned fine stranded copper conductor
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Metre marked for better length control
- ▶ Oil and chemical resistant (See Technical Section)

CONSTRUCTION:

Conductor Annealed tinned copper stranded high flexibility (Class 5).

Insulation SPVC V-90HT.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 90°C / Flexing 5°C to 75°C.

Maximum Conductor Temperature 105°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).

Rated Voltage Uo/U 0.6/1kV.

Minimum Bending Radius Fixed 10 x cable diameter / Flexing 15 x cable diameter


Insulation Colour

0.5 - 4.0mm² Black, Blue, Brown, Green/Yellow, Grey, Orange, Pink, Red, Violet, White, Yellow.

6.0 - 16.0mm² Black, Blue, Green/Yellow, Red, White.

Relevant Standards AS/NZS 3004.1&2, IEC 60332-1, AS/NZS 3808, AS/NZS 3008.1, AS/NZS 1125, AS/NZS 5000.1,

CE Directive 2006/95/EC, **RoHS** Compliant.

Code	No. of Cores x Size (mm ²)	Approx. Stranding No. of wires x mm	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)	Nominal Amps enclosed protected from sun @ 30°C fixed application		3 Phase Volt Drop @50Hz / MAX. Conductor Temp: 90°C (Mv/Am)
					In Duct or Cabinet		
MST000.50	1 x 0.50	16/0.20	2.5	10	7		86.100
MST000.75	1 x 0.75	24/0.20	2.8	15	10		52.936
MST001.0	1 x 1.0	32/0.20	2.9	17	15		46.800
MST001.5	1 x 1.5	30/0.25	3.4	20	17		30.000
MST002.5	1 x 2.5	50/0.25	4.1	32	23		16.400
MST004	1 x 4.0	56/0.30	4.8	50	31		10.200
MST006	1 x 6.0	84/0.30	5.3	70	39		6.810
MST010	1 x 10.0	80/0.40	6.8	116	52		4.050
MST016	1 x 16.0	128/0.40	8.1	177	70		2.550

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