MST SERIES

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

APPLICATIONS:

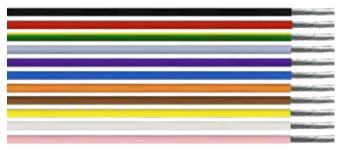
Power Flexible thermal insulated wire suitable for switchboard wiring, motors and transformers.

Marine Tinned copper conductors for boat wiring and other marine applications.

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 - 4.0mm²Black, Blue, Brown, Green/Yellow, Grey,
Orange, Pink, Red, Violet, White, Yellow.
6.0 - 16.0mm²Black, Blue, Green/Yellow, Red, White.

Relevant Standards IEC 60228, IEC 60332-1, AS/NZS 3808,
AS/NZS 3008.1, AS/NZS 3191, AS/NZS 1125, AS/NZS 5000.1,

C € Directive 2006/95/EC, **RoHS** Compliant.

Code	No. of Cores x Size	Approx. Stranding	Approx. Overall Diameter	Approx. Weight	Nominal Amps enclosed protected from sun @ 30°C fixed application	3 Phase Volt Drop @50Hz / MAX. Conductor Temp:
	(mm²)	No. of wires x mm	(mm)	(Kg/Km)	In Duct or Cabinet	90°C (Mv/Am)
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

