

## MTS SERIES

Standard Performance Flexible  
Marine Twin Sheath  
50V AC /120V DC 90°C



### APPLICATIONS:

**Marine** Pleasure crafts and other marine applications. These cables are flexible for installation and intermittent flexible use with free movement without tensile stress.

**Audio** Oxygen free copper for speaker wiring applications.

### PRODUCT FEATURES:

- ▶ Tinned copper conductor
- ▶ High electric and thermal conductivity
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (See *Technical Section*)

### CONSTRUCTION:

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

**Insulation** SPVC.

**Sheath** SPVC.

### CHARACTERISTICS:

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

**Voltage Rating** AC 50V / DC 120V.

**Sheath Colour** Black, White.

**Core Colour** Red & Black.

**Maximum Conductor temperature** 90°C.

**Relevant Standards** AS/NZS 1125, IEC 60332-1,

**RoHS** Compliant.

Code	Nearest AWG	Approx. Stranding No. of wires x mm	Nominal Area (mm <sup>2</sup> )	Industry Equivalent (mm)	AMP Rating at 30°C	Average Sheath Thickness (mm)	Average Insulation Thickness (mm)	Max D.C. Resistance at 20°C (m Ω/mt)	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)
<b>MTS27032</b>	20½	7/0.32	0.56	-	10	0.60	0.50	38.93	3.20 x 5.20	27.0
<b>MTS216030</b>	16½	16/0.30	1.13	3.00	16	0.60	0.60	17.30	3.50 x 5.90	41.0
<b>MTS226030</b>	14½	26/0.30	1.84	4.00	22	0.60	0.60	10.65	3.90 x 6.70	57.0
<b>MTS250025</b>	13	25/0.50	2.50	-	34	0.80	0.80	7.98	4.40 x 7.50	80.0
<b>MTS241030</b>	12½	41/0.30	2.90	5.00	29	0.65	0.60	6.43	4.60 x 8.00	84.0
<b>MTS265030</b>	10½	65/0.30	4.59	6.00	40	0.80	0.80	4.26	5.50 x 9.50	125.0