

## ML MULTI SERIES

High Performance Flexible Rubber  
Marine Cable 0.6/1kV 90°C



### APPLICATIONS:

**Marine** Flexible tinned copper and Lloyds approved cable for installation in super yachts, pleasure craft and other marine applications.

**Power** Used on construction sites and for medium industrial applications.

**Pumping** Suitable for permanent submersion to 200 metres.

### PRODUCT FEATURES:

- ▶ Tinned fine stranded copper conductor
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ High flexibility
- ▶ Suitable for permanent submersion to 200 metres
- ▶ Heat, oil and chemical resistant (*See Technical Section*)

See over for full product table ▶

### CONSTRUCTION:

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

**Insulation** HEPR.

**Sheath** SER TPE.

### CHARACTERISTICS:

**Operating Temperature Range** Fixed -40°C to 90°C / Flexing -20°C to 90°C.

**Maximum Conductor Temperature** 90°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).

**Rated Voltage** U<sub>o</sub>/U 0.6/1kV.

**Max AC Operating Voltage** U<sub>o</sub> 0.7kV.

**Minimum Bending Radius** Fixed 4 x cable diameter / Flexing 6 x cable diameter.

**Sheath Colour** Black.

#### Standard Core Colour


2 Core – Blue, Brown.

3 Core – Blue, Brown, Green/Yellow.

4 Core – Brown, Black, Grey, Green/Yellow.


5 Core – Blue, Brown, Black, Grey, Green/Yellow.

**Certification Society Approvals** LLOYDS

**Relevant Standards** IEC 60092-353, IEC 60092-350, IEC 60332-1, IEC 60332-3-22, AS/NZS 5000.1,  Directive 2006/95/EC,

**RoHS** Compliant.

## ML MULTI SERIES continued

Code	No. of Cores x Size	Approx. Stranding	Approx. Overall Diameter	Approx. Weight	Nominal Amps un-enclosed protected from sun @ 30°C fixed application	3 Phase Volt Drop @50Hz / MAX. Conductor Temp:
	(mm <sup>2</sup> )	No. of wires x mm	(mm)	(Kg/Km)	Touching 	90°C (Mv/Am)
<b>ML02/1.5</b>	2 x 1.5	30/0.25	10.8	87	25	30.00
<b>ML02/2.5</b>	2 x 2.5	50/0.25	11.6	102	33	16.40
<b>ML02/4.0</b>	2 x 4.0	56/0.30	12.6	145	44	10.20
<b>ML02/6.0</b>	2 x 6.0	84/0.30	13.7	205	56	6.80
<b>ML03/1.5</b>	3 x 1.5	30/0.25	11.3	110	21	30.00
<b>ML03/2.5</b>	3 x 2.5	50/0.25	12.2	131	29	16.40
<b>ML03/4.0</b>	3 x 4.0	56/0.30	13.3	194	37	10.20
<b>ML03/6.0</b>	3 x 6.0	84/0.30	14.6	274	47	6.80
<b>ML03/10</b>	3 x 10.0	80/0.40	21.0	765	67	4.050
<b>ML03/16</b>	3 x 16.0	128/0.40	24.0	1060	89	2.550
<b>ML04/1.5</b>	4 x 1.5	30/0.25	13.3	126	21	30.000
<b>ML04/2.5</b>	4 x 2.5	50/0.25	15.9	167	29	16.400
<b>ML04/4.0</b>	4 x 4.0	56/0.30	14.5	340	37	10.200
<b>ML04/6.0</b>	4 x 6.0	84/0.30	16.7	459	47	6.800
<b>ML04/10</b>	4 x 10.0	80/0.40	21.5	790	67	4.050
<b>ML04/16</b>	4 x 16.0	128/0.40	23.9	1105	89	2.550
<b>ML04/25</b>	4 x 25.0	200/0.40	32.0	1658	119	1.610
<b>ML04/35</b>	4 x 35.0	280/0.40	35.0	2330	149	1.170
<b>ML04/50</b>	4 x 50.0	400/0.40	40.0	3200	187	0.868
<b>ML05/1.5</b>	5 x 1.5	30/0.25	12.4	211	21	30.000
<b>ML05/2.5</b>	5 x 2.5	50/0.25	13.4	250	29	16.400
<b>ML05/4.0</b>	5 x 4.0	56/0.30	15.5	350	37	10.200
<b>ML05/6.0</b>	5 x 6.0	84/0.30	18.6	480	47	6.800
<b>ML05/10</b>	5 x 10.0	80/0.40	25.0	1140	67	4.050
<b>ML05/16</b>	5 x 16.0	128/0.40	29.0	1610	89	2.550
<b>ML05/25</b>	5 x 25.0	200/0.40	35.0	2440	119	1.610
<b>ML05/35</b>	5 x 35.0	280/0.40	39.0	3310	149	1.170