

# MASTLITE

## MULTICORE OUTDOOR MAST LIGHTING CABLE

### Construction

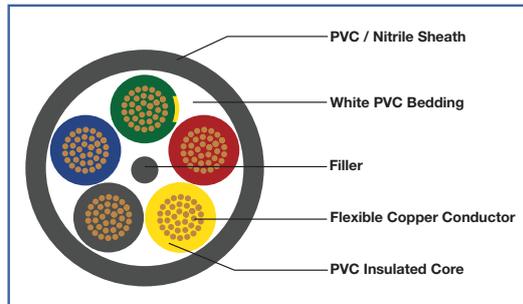
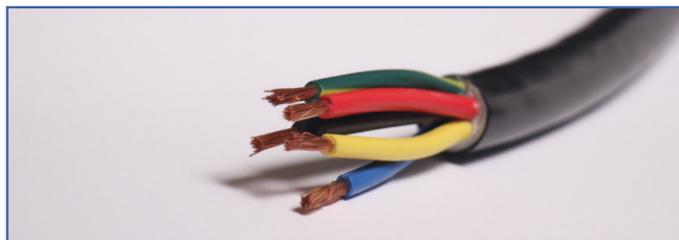
High conductivity bunched flexible copper conductors, insulated and colour coded with a general purpose flexible PVC. Insulated cores are twisted and then filled with PVC bedding to give the cable a round finish. Final protection is with a tightly bonded, ultraviolet, water, oil and abrasion resistant PVC/rubber nitrile blend sheath.

### Applications

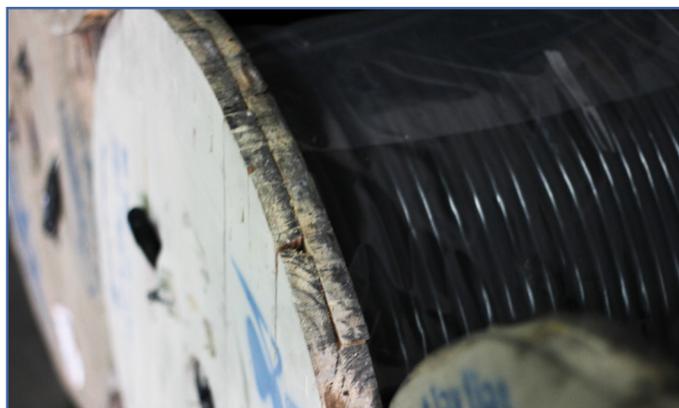
MASTLITE is used to supply power to all types of indoor and outdoor mast lighting systems, including types requiring ignition pulses of up to 6000 volts. Ideal for use in wet, oily, all weather conditions found in building/construction sites, workshops, toll road lighting, complex security lighting, mines, dockyards, opencast mining operations, railways, roadworks, sports stadiums and factories.

### Packaging

Available in 500 metre drum lengths.  
Cut lengths also available on request.



Specification	(SABS 1574)
Voltage Rating	600/1000 Volts
Ignition Pulse Voltage Rating	6000 Volts
Test Voltage	3000 Volts
Temperature Range	-10° to +80°C
Flexibility Class	5
Conductor Type	High conductivity annealed copper
Insulation Material	General purpose flexible PVC
Sheath Material	UV resistant PVC/Rubber Nitrile Blend
Sheath Colour	Black
Core Colours	5 core - Red, Black, Blue, Yellow, Green/Yellow 7 core - Red, Black, Blue, Yellow, Green/Yellow, Brown, Brown with White tracer



### Technical Data

Product Code	Size mm <sup>2</sup>	Stranding No x Dia	No. of Cores	Amps/m		Nominal Amps	Nominal Dia	Mass kg/100m
				1 ph 220V	3 ph 380V			
ML2.5X5BK	2.5	44 x 0.26	5	18	15	20	13.6	28.96
ML2.5X7BK	2.5	44 x 0.26	7	18	15	20	14.6	35.99
ML4.0X5BK	4.0	49 x 0.31	5	11	9.5	27	16.0	42.19
ML4.0X7BK	4.0	49 x 0.31	7	11	9.5	27	17.5	53.35