

ALVERN CABLES SABS 1574

Construction

High conductivity bunched flexible copper conductors, insulated and colour coded with general purpose flexible grade PVC. Insulated cores are twisted and then filled with PVC 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, housing complex security lighting, mines, dockyards, opencast mining operations, railways, roadworks, sports stadiums and factories.

Specification (SABS 1574)

Voltage Rating	600/1000 Volts
Ignition Pulse Voltage Rating	6000 Volts
Test Voltage	3000 Volts
Current Capacity AC	As per table below
Temperature Range	-10° to +80°C
Flexibility Class	4 & 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 - Yellow, Red, Blue, Green/Yellow, Black
	7 Core - Red, Black, Blue, Yellow, Green/Yellow, Brown, Brown
	with White Tracer

Packaging

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

TECHNICAL DATA

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