



Technical Parameter

MAS2C3G2.5 Lighting Control and Power Cable		
Type	Figure 8 - Control Cable 2C×1.5 mm² and Power Cable 2C×2.5 mm²+ E2.5 mm²	
	Control Cable	Power Cable
Conductor		
Conductor material	Tinned Copper Wire	Tinned Copper Wire
Conductor cross-sectional area	1.5 mm ²	1.5mm ²
Conductor Construction (mm)	19×0.32±0.01	7×0.67±0.01
Insulation		
Insulation material	V90 PVC	V90 PVC
Insulation diameter(mm)	2.85±0.1	3.5±0.1
Insulation Thickness (mm)	0.60	0.70
Color	Orange , Purple	Red, Black, Green/ Yellow
Filler		
Filler material	--	Filling rope
Tape		
Tape material	--	Non-Woven
Jacket		
Jacket material	5V-90 PVC	
Jacket Diameter(mm)	(8.2+10.2)±0.50	
Jacket Thickness (mm)	1.20	
Colour	Orange - Control side c/w Grey Stripe	



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Type	Figure 8 - Control Cable 2C×1.5mm ² and Power Cable 2C×2.5mm ² + E2.5mm ²	
Electrical & Physical Characteristics:		
	Control Cable	Power Cable
Conductor DCR 20°C	≤12.2Ω/km	≤7.56Ω/km
Operating Temperature Range	-20°C ~+90°C	-20°C ~+90°C
Nom. Capacitance Cond. To Cond. pF/m	70	--
Rated Voltage	450/750V	450/750V
Single Phase Current (A) Unenclosed @30°C Fixed Touching	--	30.0 Amps
Single Phase Voltage Drop(@50Hz&75°C)mV/A.m	--	18.0
Bending radius	12xCable O.D during Installation .8xCable O.D Installed	
RoHS	RoHS Compliant	
Standards	AS/NZS1125 ; AS/NZS3008 ; AS/NZS3808 ; AS/NZS5000.2 ; IEC60332-1-2	

Jacket Marking:

Cable 1 Control (c/w Grey Stripe)

Maser Lighting Control Cable - 2 Core 1.5mm² TCW CONTROL CABLE AS/NZS5000.2 450/750V V90 (Manf. Date) (Metre Mark)

Cable 2 Power

Maser MAS2C3G2.5 Lighting Power Cable - 2 Core + Earth 2.5mm² TCW POWER CABLE AS/NZS5000.2 450/750V V90

Drum

200M Wooden Drum



Maser Communications products are approved and meet the Green Star "Best Practice PVC" criteria set out by the Green Building Council of Australia. BUREAU VERATIS CoC No:2821 7/8/2019. As part of this commitment to reduce the environmental impact of PVC material , Maser Communications will aid in the process of recycling any of their product which has reached end of life. For further information on this process please contact us.