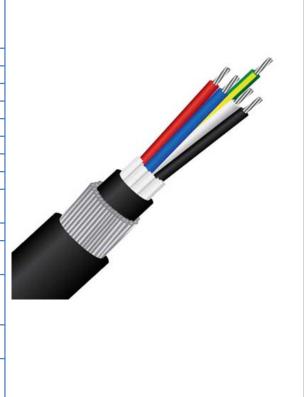
## **TECHNICAL DATA SHEET**



## CIRCULAR TPS POWER CABLES - MASCP\*G/SWA SERIES STEEL WIRE ARMOURED MULTICORE + EARTH MASCP5G/1.5SWA - 4 Core 1.5mm<sup>2</sup> + E1.5mm<sup>2</sup> TCW/PVC/PVC/SWA/PVC

APPLICATION: For mains and sub-mains requiring mechanical protection (For fixed applications) Industrial and Commercial. Suitable for Direct Burial.

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Standards	AS/NZS1125 ,AS/NZS3008 ,AS/NZS3808 AS/NZS5000.1 , IEC 60332-1-2, IEC60332-3-22 , IEC 60079.14 , <b>RoHS</b> Compliant					
Rated Voltage	0.6/1kV					
Conductor	Stranded Tinned Copper - Class 2					
Stranding	4x1.5+E1.5 (7/0.50+7/0.50)					
Insulation	0.8mm PVC V90					
Core Colours	Red/White/Blue/Black/Green-Yellow					
Seperator	PET Tape or Non-Woven Tape					
Bedding	SPVC 5V-90 Flame Retardant					
Armour	Galvanised Steel Wire					
Sheath	SPVC ,5V-90 ,Flame Retardant UV Resistant PVC ,Black					
Operating Temp.	-20°C to +90°C					
Max. DC Resistance @ 20°C (Ω/KM)	13.6					
3 Phase Current (A) Unenclosed @ 30°C Fixed Touching	17 Amps					
3 Phase Current (A) Buried Direct in Ground	20 Amps					
3 Phase Voltage Drop (@ 50Hz & 75°C) mV/A.m	28.6					



Product	Cores	Conductor	O.D over Bedding	GSWA Size	O.D over Armour	Outer Sheath Thickness	Nominal Cable O.D	Cable Weight
Manage Outlanting Code	Number	2						14 - 11
Maser Ordering Code	of Cores	mm²	mm	mm	mm	mm	mm	Kg/km
MASCP5G/1.5SWA	4C+E	4x1.5+E1.5	12.3	0.9	14.1	1.8	17.7	462

## **Jacket Marking**

MASER MASCP5G/1.5SWA 4x1.5MM+E1.5MM TCW/PVC/PVC/SWA/PVC V-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV (MANF. DATE) (METRE MARK)

Recommended Gland = MM-E1W-20L

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