


CIRCULAR TPS POWER CABLES – MASCP*G/SWA SERIES

STEEL WIRE ARMoured MULTICORE + EARTH

MASCP3G6.0SWA - 2 Core 6.0mm² + E2.5mm²

TCW/PVC/PVC/SWA/PVC

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

Standards	AS/NZS1125 , AS/NZS3008 ,AS/NZS3808 AS/NZS5000.1 , IEC 60332-1-2, IEC60332-3-22 , IEC 60079.14 , RoHS Compliant	
Rated Voltage	0.6/1kV	
Conductor	Stranded Tinned Copper - Class 2	
Stranding	2x6.0+E2.5 (7/1.04+7/0.67)	
Insulation	1.0mm PVC V90	
Core Colours	Red/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)	3.08	
Single Phase Current (A) Unenclosed @ 30°C Fixed Touching	50 Amps	
Single Phase Current (A) Buried Direct in Ground	55 Amps	
Single Phase Voltage Drop (@ 50Hz & 75°C) mV/A.m	7.50	

Product	Cores	Conductor	O.D over Bedding	GSWA Size	O.D over Armour	Outer Sheath Thickness	Nominal Cable O.D	Cable Weight
Maser Ordering Code	Number of Cores	mm ²	mm	mm	mm	mm	mm	Kg/km
MASCP3G6.0SWA	2C+E	2x6.0+E2.5	14.3	1.25	16.8	1.8	20.4	711

Jacket Marking

MASER MASCP3G6.0SWA 2x6MM+E2.5MM TCW/PVC/PVC/SWA/PVC V-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV (MANF. DATE) (METRE MARK)

Recommended Gland = MM-E1W-25S

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