


CIRCULAR TPS POWER CABLES – MASCPX*G/SWA SERIES

STEEL WIRE ARMoured MULTICORE + EARTH

MASCPX3G/25.0SWA - 2 Core 25.0mm² + E6.0mm²

TCW/XLPE/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	2x25.0+E6.0 (19/1.35+7/1.04)	
Insulation	0.9mm XLPE X-90	
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)	0.727	
Single Phase Current (A) Unenclosed @ 30°C Fixed Touching	144 Amps	
Single Phase Current (A) Buried Direct in Ground	182 Amps	
Single Phase Voltage Drop (@ 50Hz & 90°C) mV/A.m	1.86	

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	mm²	mm	mm	mm	mm	mm	Kg/km
MASCPX3G/25.0SWA	2C+E	2x25.0+E6.0	19.3	1.6	22.5	1.8	26.1	1464

Jacket Marking

MASER MASCPX3G/25.0SWA 2x25MM+E6MM TCW/XLPE/PVC/SWA/PVC X-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV (MANF. DATE) (METRE MARK)

Recommended Gland = MM-E1W-25L

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