

## CIRCULAR TPS POWER CABLES – MASCPX\*G/SWA SERIES

### STEEL WIRE ARMoured MULTICORE + EARTH

### MASCPX3G/10.0SWA - 2 Core 10.0mm<sup>2</sup> + E4.0mm<sup>2</sup>

### 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 , <b>RoHS</b> Compliant
Rated Voltage	0.6/1kV
Conductor	Stranded Tinned Copper - Class 2
Stranding	2x10.0+E4.0 (7/1.35+7/0.85)
Insulation	0.7mm 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)	1.83
Single Phase Current (A) Unenclosed @ 30°C Fixed Touching	68 Amps
Single Phase Current (A) Buried Direct in Ground	73 Amps
Single Phase Voltage Drop (@ 50Hz & 90°C) mV/A.m	4.68



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 <sup>2</sup>	mm	mm	mm	mm	mm	Kg/km
MASCPX3G/10.0SWA	2C+E	2x10.0+E4.0	13.8	1.25	16.3	1.8	19.9	883

#### Jacket Marking

MASER MASCPX3G/10.0SWA 2x10MM+E4MM TCW/XLPE/PVC/SWA/PVC X-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV (MANF. DATE) (METRE MARK)

**Recommended Gland = MM-E1W-20L**

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