


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

### STEEL WIRE ARMoured MULTICORE + EARTH

### MASCPX3G16.0SWA - 2 Core 16.0mm<sup>2</sup> + E6.0mm<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.

<b>Standards</b>	AS/NZS1125 , AS/NZS3008 ,AS/NZS3808 AS/NZS5000.1 , IEC 60332-1-2, IEC60332-3-22 , IEC 60079.14 , <b>RoHS</b> Compliant	
<b>Rated Voltage</b>	0.6/1kV	
<b>Conductor</b>	Stranded Tinned Copper - Class 2	
<b>Stranding</b>	2x16.0+E6.0 (7/1.70+7/1.04)	
<b>Insulation</b>	0.7mm XLPE X-90	
<b>Core Colours</b>	Red/Black/Green-Yellow	
<b>Seperator</b>	PET Tape or Non-Woven Tape	
<b>Bedding</b>	SPVC 5V-90 Flame Retardant	
<b>Armour</b>	Galvanised Steel Wire	
<b>Sheath</b>	SPVC ,5V-90 ,Flame Retardant UV Resistant PVC ,Black	
<b>Operating Temp.</b>	-20°C to +90°C	
<b>Max. DC Resistance @ 20°C (Ω/KM)</b>	1.15	
<b>Single Phase Current (A) Unenclosed @ 30°C Fixed Touching</b>	107 Amps	
<b>Single Phase Current (A) Buried Direct in Ground</b>	141 Amps	
<b>Single Phase Voltage Drop (@ 50Hz &amp; 90°C) mV/A.m</b>	2.95	

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
MASCPX3G16.0SWA	2C+E	2x16.0+E6.0	15.9	1.25	18.4	1.8	22.0	1014

#### Jacket Marking

MASER MASCPX3G16.0SWA 2x16MM+E6MM TCW/XLPE/PVC/SWA/PVC X-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV (MANF. DATE) (METRE MARK)

**Recommended Gland = MM-E1W-25S**

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