

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

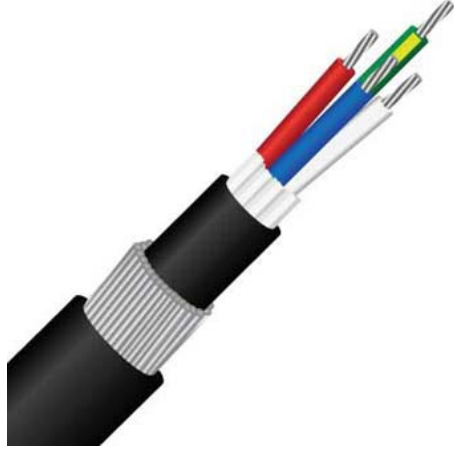
### STEEL WIRE ARMoured MULTICORE + EARTH

### MASCPX4G/50.0SWA - 3 Core 50.0mm<sup>2</sup> + E16.0mm<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>	3x50.0+E16.0 (19/1.78+7/1.70)
<b>Insulation</b>	1.0mm XLPE X-90
<b>Core Colours</b>	Red/White/Blue/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>	0.393
<b>3 Phase Current (A) Unenclosed @ 30°C Fixed Touching</b>	185 Amps
<b>3 Phase Current (A) Buried Direct in Ground</b>	218 Amps
<b>3 Phase Voltage Drop (@ 50Hz &amp; 90°C) mV/A.m</b>	0.868



Product	Cores	Conductor	O.D over Bedding	GSWA Size	O.D over Armour	Outer Sheath Thickness	Nominal Cable O.D	Cable Weight
<b>Maser Ordering Code</b>	<b>Number of Cores</b>	<b>mm<sup>2</sup></b>	<b>mm</b>	<b>mm</b>	<b>mm</b>	<b>mm</b>	<b>mm</b>	<b>Kg/km</b>
MASCPX4G/50.0SWA	3C+E	3x50.0+E16.0	26.5	1.6	29.7	1.9	33.5	2813

#### Jacket Marking

MASER MASCPX4G/50.0SWA 3x50MM+E16MM TCW/XLPE/PVC/SWA/PVC X-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV  
(FOR FIXED APPLICATIONS ONLY) (DATE) (METRE)

**Recommended Gland = MM-E1W-40S**

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