

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

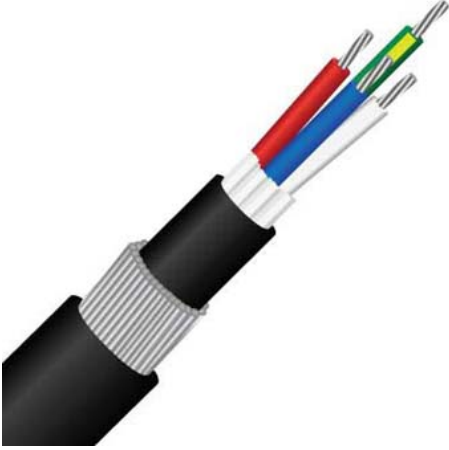
### STEEL WIRE ARMoured MULTICORE + EARTH

### MASCPX4G/35.0SWA - 3 Core 35.0mm<sup>2</sup> + E10.0mm<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>	3x35.0+E10.0 (19/1.53+7/1.35)
<b>Insulation</b>	0.9mm 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>	0.524
<b>3 Phase Current (A) Unenclosed @ 30°C Fixed Touching</b>	151 Amps
<b>3 Phase Current (A) Buried Direct in Ground</b>	184 Amps
<b>3 Phase Voltage Drop (@ 50Hz &amp; 90°C) mV/A.m</b>	1.17



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/35.0SWA	3C+E	3x35.0+E10.0	23.0	1.6	26.2	1.8	29.8	2166

#### Jacket Marking

MASER MASCPX4G/35.0SWA 3x35MM+E10MM TCW/XLPE/PVC/SWA/PVC X-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV (MANF. DATE) (METRE MARK)

**Recommended Gland = MM-E1W-32S**

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