


CIRCULAR TPS POWER CABLES – MASCPX*G/SWA SERIES

STEEL WIRE ARMoured MULTICORE + EARTH

MASCPX3G/16.0SWA - 2 Core 16.0mm² + 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	2x16.0+E6.0 (7/1.70+7/1.04)	
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)	1.15	
Single Phase Current (A) Unenclosed @ 30°C Fixed Touching	91 Amps	
Single Phase Current (A) Buried Direct in Ground	125 Amps	
Single Phase Voltage Drop (@ 50Hz & 90°C) mV/A.m	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 ²	mm	mm	mm	mm	mm	Kg/km
MASCPX3G/16.0SWA	2C+E	2x16.0+E6.0	15.9	1.25	18.4	1.8	22.0	1014

Jacket Marking

MASER MASCPX3G/16.0SWA 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

Disclaimer: Although Maser Communications NZ Limited makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice. Maser provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Maser be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Maser has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.