

CIRCULAR TPS POWER CABLES – MASCPX*G/SWA SERIES

STEEL WIRE ARMoured MULTICORE + EARTH

MASCPX5G50.0SWA - 4 Core 50.0mm² + E16.0mm²

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	4x50.0+E16.0 (19/1.78+7/1.70)
Insulation	1.0mm XLPE X90
Core Colours	Red/White/Blue/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)	0.393
3 Phase Current (A) Unenclosed @ 30°C Fixed Touching	185 Amps
3 Phase Current (A) Buried Direct in Ground	218 Amps
3 Phase Voltage Drop (@ 50Hz & 75°C) mV/A.m	0.868



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	mm²	mm	mm	mm	mm	mm	Kg/km
MASCPX5G50.0SWA	4C+E	4x50.0+E16.0	31.3	2.0	35.3	2.0	39.3	3756

Jacket Marking .0

MASER MASCPX5G50.0SWA 4x50.0MM+E16.0MM 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-40L

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