

CIRCULAR TPS POWER CABLES – MASCP*G/SWA SERIES

STEEL WIRE ARMoured MULTICORE + EARTH

MASCP5G/1.5SWA - 4 Core 1.5mm² + E1.5mm²

TCW/PVC/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	4x1.5+E1.5 (7/0.50+7/0.50)
Insulation	0.8mm PVC V90
Core Colours	Red/White/Blue/Black/Green-Yellow
Separator	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)	13.6
3 Phase Current (A) Unenclosed @ 30°C Fixed Touching	17 Amps
3 Phase Current (A) Buried Direct in Ground	20 Amps
3 Phase Voltage Drop (@ 50Hz & 75°C) mV/A.m	28.6



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
MASCP5G/1.5SWA	4C+E	4x1.5+E1.5	12.3	0.9	14.1	1.8	17.7	462

Jacket Marking

MASER MASCP5G/1.5SWA 4x1.5MM+E1.5MM TCW/PVC/PVC/SWA/PVC V-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV (MANF. DATE) (METRE MARK)

Recommended Gland = MM-E1W-20L

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