

CIRCULAR TPS POWER CABLES – MASCPX*G/SWA SERIES

STEEL WIRE ARMoured MULTICORE + EARTH

MASCPX5G70.0SWA - 4 Core 70.0mm² + E25.0mm²

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	4x70.0+E25.0 (19/2.14+19/1.35)
Insulation	1.1mm 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)	0.277
3 Phase Current (A) Unenclosed @ 30°C Fixed Touching	234 Amps
3 Phase Current (A) Buried Direct in Ground	269 Amps
3 Phase Voltage Drop (@ 50Hz & 75°C) mV/A.m	0.609



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
MASCPX5G70.0SWA	4C+E	4x70.0+E25.0	37.0	2.0	41.0	2.2	45.4	4978

Jacket Marking

MASER MASCPX5G70.0SWA 4x70.0MM+E25.0MM 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-50S

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.