TECHNICAL DATA SHEET

CIRCULAR TPS POWER CABLES – MASCPX*G/SWA SERIES

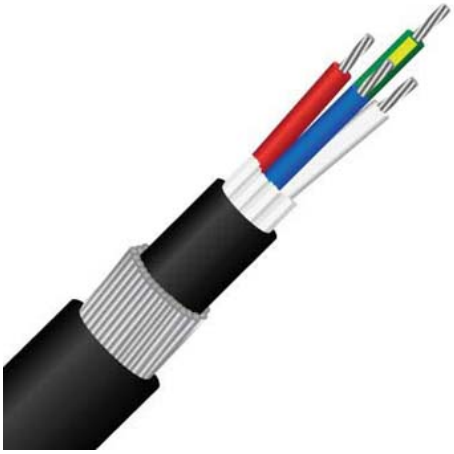
STEEL WIRE ARMOURED MULTICORE + EARTH

MASCPX4G25.0SWA - 3 Core 25.0mm² + 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	3x25.0+E6.0 (19/1.35+7/1.04)
Insulation	0.9mm XLPE X-90
Core Colours	Red/White/Blue/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)	0.795
3 Phase Current (A) Unenclosed @ 30°C Fixed Touching	122 Amps
3 Phase Current (A) Buried Direct in Ground	153 Amps
3 Phase Voltage Drop (@ 50Hz & 90°C) mV/A.m	1.61



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**
MASCPX4G25.0SWA	3C+E	3x25.0+E6.0	20.6	1.6	23.8	1.8	27.4	1749

Jacket Marking

MASER MASCPX4G25.0SWA 3x25MM+E6MM 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-32S

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