TECHNICAL DATA SHEET

INDUSTRIAL CONTROL CABLES – MASCC1**/SWA SERIES

STEEL WIRE ARMOURED CIRCULAR MULTICORES

MASCC137/2.5SWA - 37 Core 2.5mm² TCW/PVC/PVC/SWA/PVC

APPLICATION: **For mains and sub-mains control circuits 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 Conductor 2.5mm² (7/0.67) Class 2
Insulation	0.8mm PVC V90 White Numbered Cores
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)	7.41
Nominal Amps Unenclosed @ 30°C Fixed Touching 2 Conductor	30 Amps
Nominal Amps Unenclosed @ 30°C Fixed Touching 3 Conductor	25 Amps
Single Phase Voltage Drop 2 Conductor (@ 50Hz 90°C) mV/A.m	18.0
3 Phase Voltage Drop 3 Conductor (@ 50Hz 90°C) mV/A.m	15.6



Product	Pairs	Conductor	O.D over Bedding	GSWA Size	O.D over GSWA	Outer Sheath Thickness	Nominal Cable O.D	Cable Weight
Maser Ordering Code	**Number of Cores**	**mm²**	**mm**	**mm**	**mm**	**mm**	**mm**	**Kg/km**
MASCC137/2.5SWA	37 Core	2.5mm	31.0	1.6	34.2	2.0	38.2	2526

Jacket Marking

MASER MASCC137/2.5SWA 37C 2.5mm² TCW/PVC/PVC/SWA/PVC V-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV (MANF. DATE) (METRE MARK)

Recommended Gland = MM-E1W-40L

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