

INDUSTRIAL CONTROL CABLES – MASCC1**/SWA SERIES

STEEL WIRE ARMoured CIRCULAR MULTICORES

MASCC102/2.5SWA - 2 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 2.5mm ² (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
MASCC102/2.5SWA	2 Core	2.5mm	11.1	0.9	12.9	1.8	16.5	432

Jacket Marking

MASER MASCC102/2.5SWA 2C 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-20L

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.