

## INDUSTRIAL CONTROL CABLES – MASCC1\*\*/SWA SERIES

### STEEL WIRE ARMoured CIRCULAR MULTICORES

#### MASCC103/2.5SWA - 3 Core 2.5mm<sup>2</sup> 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.

<b>Standards</b>	AS/NZS1125 , AS/NZS3008 ,AS/NZS3808 AS/NZS5000.1 , IEC 60332-1-2, IEC60332-3-22 , IEC 60079.14 , <b>RoHS</b> Compliant
<b>Rated Voltage</b>	0.6/1kV
<b>Conductor</b>	Stranded Tinned Copper Conductor 2.5mm <sup>2</sup> (7/0.67) Class 2
<b>Insulation</b>	0.8mm PVC V90 White Numbered Cores
<b>Seperator</b>	PET Tape or Non-Woven Tape
<b>Bedding</b>	SPVC 5V-90 Flame Retardant
<b>Armour</b>	Galvanised Steel Wire
<b>Sheath</b>	SPVC ,5V-90 ,Flame Retardant UV Resistant PVC ,Black
<b>Operating Temp.</b>	-20°C to +90°C
<b>Max. DC Resistance @ 20°C (Ω/KM)</b>	7.41
<b>Nominal Amps Unenclosed @ 30°C Fixed Touching 2 Conductor</b>	30 Amps
<b>Nominal Amps Unenclosed @ 30°C Fixed Touching 3 Conductor</b>	25 Amps
<b>Single Phase Voltage Drop 2 Conductor (@ 50Hz 90°C) mV/A.m</b>	18.0
<b>3 Phase Voltage Drop 3 Conductor (@ 50Hz 90°C) mV/A.m</b>	15.6



Product	Pairs	Conductor	O.D over Bedding	GSWA Size	O.D over GSWA	Outer Sheath Thickness	Nominal Cable O.D	Cable Weight
<b>Maser Ordering Code</b>	<b>Number of Cores</b>	<b>mm<sup>2</sup></b>	<b>mm</b>	<b>mm</b>	<b>mm</b>	<b>mm</b>	<b>mm</b>	<b>Kg/km</b>
MASCC103/2.5SWA	3 Core	2.5mm	11.8	0.9	13.6	1.8	17.2	443

#### Jacket Marking

MASER MASCC103/2.5SWA 3C 2.5mm<sup>2</sup> 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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