

# TECHNICAL DATA SHEET



## VARIABLE SPEED DRIVE CABLES (VSD) – MASVSD\*G/SWA SERIES

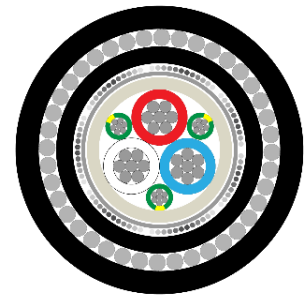
### ARMOURED MULTICORES + EARTH (Split Earth for 6mm upwards)

### MASVSD4G4.0SWA - 3 Core 4.0mm<sup>2</sup> + E4.0mm<sup>2</sup>

### TCW / XLPE / PVC / AL+TCWB / PVC / SWA / PVC

**APPLICATION:** Suitable for use with VSD's where RFI and EMC protection is required. Fixed Installations.  
Suitable for Direct Burial

<b>Standards</b>	AS/NZS1125,AS/NZS3008,AS/NZS5000.1 IEC 60332-1-2, IEC60228 <b>RoHS Compliant</b>
<b>Rated Voltage</b>	0.6/1kV
<b>Conductor</b>	Stranded Tinned Copper Class 5
<b>Stranding</b>	3x4.0+E4.0 (56/0.30+56/0.30)
<b>Insulation</b>	0.7mm XLPE X-90
<b>Core Colours</b>	Red/White/Blue/Green-Yellow
<b>Bedding</b>	SPVC 5V-90
<b>Screen</b>	100% Aluminium Foil
<b>Screen</b>	85% Tinned Copper Braid
<b>Inner Sheath</b>	SPVC 5V-90
<b>Armour</b>	Galvanised Steel Wire
<b>Outer Sheath</b>	SPVC 5V-90 Flame Retardant UV Stabilised Black
<b>Operating Temp.</b>	-20°C to +90°C
<b>Max. DC Resistance @ 20°C (Ω/KM)</b>	4.61
<b>3 Phase Current (A) Unenclosed @ 30°C Fixed Touching</b>	37 Amps
<b>3 Phase Current (A) Buried Direct in Ground</b>	40 Amps
<b>3 Phase Voltage Drop (@ 50Hz &amp; 90°C) mV/A.m</b>	10.20



Product	Cores	Conductor	O.D over Inner Sheath	GSWA Size	O.D over Armour	Outer Sheath Thickness	Nominal Cable O.D	Cable Weight
Maser Ordering Code	Number of Cores	mm <sup>2</sup>	mm	mm	mm	mm	mm	Kg/km
MASVSD4G4.0SWA	3C+E	3x4.0+E4.0	16.0	1.25	18.5	1.8	22.1	1002

#### Jacket Marking

MASER MASVSD4G4.0SWA 3x4.0MM+E4.0MM TCW/XLPE/PVC/AL+TCWB/PVC/SWA/PVC X-90 AS/NZS5000.1 ELECTRICAL CABLE 0.6/1KV (DATE) (MTR)

**Recommended Gland = Please contact Maser**

**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.