

TECHNICAL DATA SHEET



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

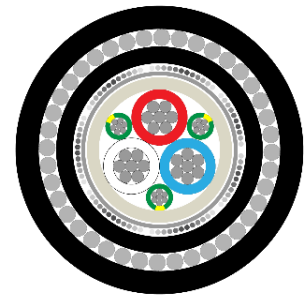
ARMOURED MULTICORES + EARTH (Split Earth for 6mm upwards)

MASVSD4G2.5SWA - 3 Core 2.5mm² + E2.5mm²

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

Standards	AS/NZS1125,AS/NZS3008,AS/NZS5000.1 IEC 60332-1-2, IEC60228 RoHS Compliant
Rated Voltage	0.6/1kV
Conductor	Stranded Tinned Copper Class 5
Stranding	3x2.5+E2.5 (50/0.25+50/0.25)
Insulation	0.7mm XLPE X-90
Core Colours	Red/White/Blue/Green-Yellow
Bedding	SPVC 5V-90
Screen	100% Aluminium Foil
Screen	85% Tinned Copper Braid
Inner Sheath	SPVC 5V-90
Armour	Galvanised Steel Wire
Outer Sheath	SPVC 5V-90 Flame Retardant UV Stabilised Black
Operating Temp.	-20°C to +90°C
Max. DC Resistance @ 20°C (Ω/KM)	7.41
3 Phase Current (A) Unenclosed @ 30°C Fixed Touching	29 Amps
3 Phase Current (A) Buried Direct in Ground	31 Amps
3 Phase Voltage Drop (@ 50Hz & 90°C) mV/A.m	16.40



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 ²	mm	mm	mm	mm	mm	Kg/km
MASVSD4G2.5SWA	3C+E	3x2.5+E2.5	14.6	1.25	17.1	1.8	20.7	865

Jacket Marking

MASER MASVSD4G2.5SWA 3x2.5MM+E2.5MM 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.