TECHNICAL DATA SHEET

MASER COMMUNICATIONS

VARIABLE SPEED DRIVE CABLES (VSD) – MASVSDCTS SERIES

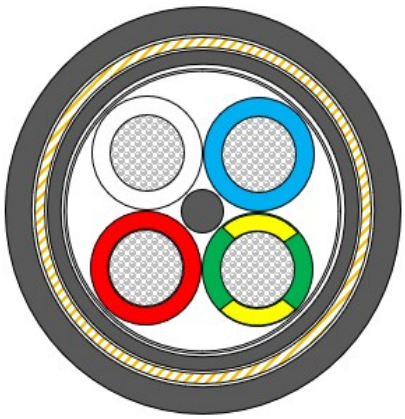
COPPER TAPE SCREEN

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

MASVSD4G2.5CTS - 3 Core 2.5mm² + E2.5mm² TCW/XLPE/PVC/CTS/PVC

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

Standards	AS/NZS1125 , AS/NZS3008 , AS/NZS5000.1 , IEC 60332-1-2 ***RoHS*** Compliant
Rated Voltage	0.6/1kV
Conductor	Class 5 Stranded Tinned Copper
Cond. Construction	3x2.5+E2.5
Insulation	0.7mm XLPE X-90
Core Colours	Red/White/Blue/Green-Yellow
Bedding	SPVC 5V-90
Screen	100% Copper Tape - 20% Overlap
Outer Sheath	SPVC , 5V-90, Flame Retardant UV Stabilised , Black
Operating Temp.	-20°C to +90°C
Max. DC Resistance @ 20°C (Ω/KM)	8.21
3 Phase Current (A) Unenclosed @ 30°C Fixed Touching	29 Amps
3 Phase Voltage Drop (@ 50Hz & 90°C) mV/A.m	16.4



Product	Cores	Conductor	Approx. O.D over Copper Tape Screen	Outer Sheath Thickness	Approx Cable O.D	Approx. Cable Weight
Maser Product Code	**Number of Cores**	**mm²**	**mm**	**mm**	**mm**	**Kg/km**
MASVSD4G2.5CTS	3C+E	3x2.5+E2.5	11.1	1.8	14.7	311

Jacket Marking

MASER MASVSD4G2.5CTS 3Cx2.5mm² + E2.5mm² TCW/XLPE/PVC/CTS/PVC X-90 0.6/1KV AS/NZS5000.1 ELECTRIC CABLE (FOR FIXED APPLICATIONS ONLY) 07/2026 **M

Recommended Gland = MM-M25-16E

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