TECHNICAL DATA SHEET

MASER COMMUNICATIONS

VARIABLE SPEED DRIVE CABLES (VSD) – MASVSDCTS SERIES

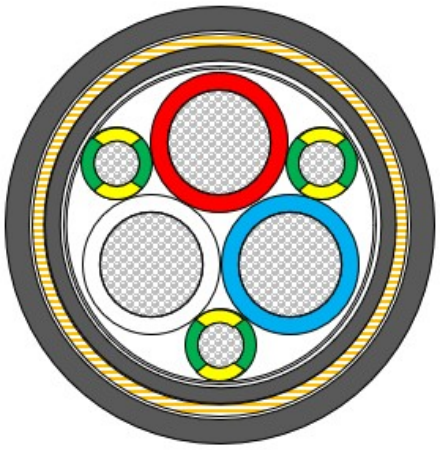
COPPER TAPE SCREEN

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

MASVSD4G50.0CTS - 3 Core 50.0mm² + 3E10.0mm² 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	3x50.0+3E10.0
Insulation	1.0mm XLPE X-90
Core Colours	Red/White/Blue/Green-Yellowx3
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)	0.393
3 Phase Current (A) Unenclosed @ 30°C Fixed Touching	187 Amps
3 Phase Voltage Drop (@ 50Hz & 90°C) mV/A.m	0.868



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**
MASVSD4G50.0CTS	3C+3E	3x50.0+3E10.0	28.1	1.9	32.4	2172

Jacket Marking

MASER MASVSD4G50.0CTS 3Cx50.0mm² + 3E10.0mm² 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-M50-35E

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