

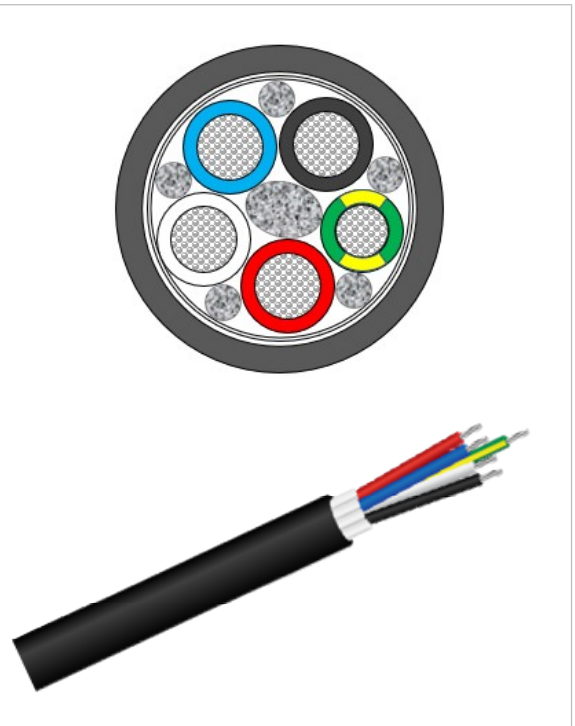
CIRCULAR TPS POWER CABLES – MASCPX*G SERIES

UNARMoured MULTICORE + EARTH

MASCPX5G50.0 - 4 Core 50.0mm² + E16.0mm² TCW/XLPE/PVC

APPLICATION: For mains and sub-mains power circuits (For fixed applications) - Industrial and Commercial

Standards	AS/NZS1125 , AS/NZS3008 , AS/NZS3808 AS/NZS5000.1 , IEC 60332-1-2 IEC 60079.14 , RoHS Compliant
Rated Voltage	0.6/1kV
Conductor	Stranded Tinned Copper - Class 5
Stranding	4x50.0+E16.0 (400/0.40+128/0.40)
Insulation	1.0mm XLPE X90
Core Colours	Red/White/Blue/Black/Green-Yellow
Seperator	PET Tape or Non-Woven Tape
Sheath	SPVC ,5V-90 ,Flame Retardant UV Resistant PVC ,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 & 75°C) mV/A.m	0.868



Product	Cores	Conductor	Insulation Thickness	Outer Sheath Thickness	Approx Cable O.D	Approx. Cable Weight
Maser Product Code	Number of Cores	mm ²	mm	mm	mm	Kg/km
MASCPX5G50.0	4C+E	4x50.0+E16.0	1.0	1.9	34.0	2288

Jacket Marking

MASER MASCPX5G50.0 4Cx50.0mm²+E16.0mm² TCW/XLPE/PVC X-90 0.6/1kV AS/NZS5000.1 ELECTRIC CABLE (FOR FIXED APPLICATIONS ONLY) (DATE) (METRE)

Recommended Gland = MM-A1A2-50S

Bending Radius = 10x Cable O.D during Installation. 6 x Cable O.D Installed.

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.