

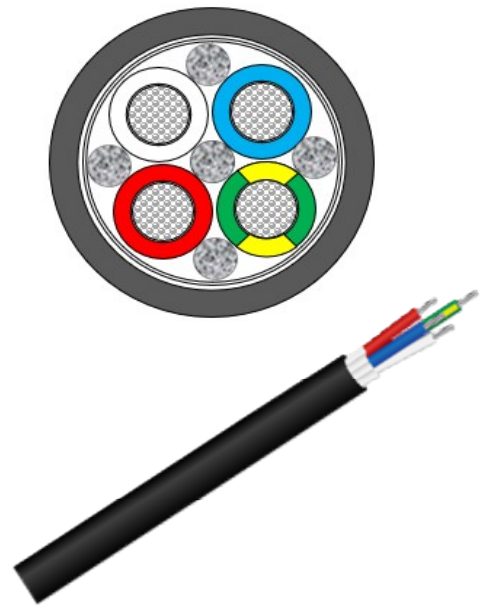
## CIRCULAR TPS POWER CABLES – MASCPX\*G SERIES

### UNARMoured MULTICORE + EARTH

### MASCPX4G70.0 - 3 Core 70.0mm<sup>2</sup> + E25.0mm<sup>2</sup> TCW/XLPE/PVC

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

|   |  |
|---|--|
| <b>Standards</b>  | AS/NZS1125 , AS/NZS3008 , AS/NZS3808<br>AS/NZS5000.1 , IEC 60332-1-2<br>IEC 60079.14 , <b>RoHS</b> Compliant |
| <b>Rated Voltage</b>  | 0.6/1kV  |
| <b>Conductor</b>  | Stranded Tinned Copper - Class 5   |
| <b>Stranding</b>  | 3x70.0+E25.0 (356/0.50+200/0.40)   |
| <b>Insulation</b>   | 1.1mm XLPE X90   |
| <b>Core Colours</b>   | Red/White/Blue/Green-Yellow  |
| <b>Seperator</b>  | PET Tape or Non-Woven Tape   |
| <b>Sheath</b>   | SPVC ,5V-90 ,Flame Retardant<br>UV Resistant PVC ,Black  |
| <b>Operating Temp.</b>                                      | -20°C to +90°C   |
| <b>Max. DC Resistance @ 20°C (Ω/KM)</b>                     | 0.277  |
| <b>3 Phase Current (A) Unenclosed @ 30°C Fixed Touching</b> | 235 Amps   |
| <b>3 Phase Voltage Drop (@ 50Hz &amp; 90°C) mV/A.m</b>      | 0.609  |



| Product                   | Cores                  | Conductor             | Insulation Thickness | Outer Sheath Thickness | Approx Cable O.D | Approx. Cable Weight |
|---------------------------|------------------------|-----------------------|----------------------|------------------------|------------------|----------------------|
| <b>Maser Product Code</b> | <b>Number of Cores</b> | <b>mm<sup>2</sup></b> | <b>mm</b>            | <b>mm</b>              | <b>mm</b>        | <b>Kg/km</b>         |
| MASCPX4G70.0              | 3C+E                   | 3x70.0+E25.0          | 1.1                  | 1.9                    | 36.0             | 2395                 |

#### Jacket Marking

MASER MASCPX4G70.0 3Cx70.0mm<sup>2</sup>+E25.0mm<sup>2</sup> 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 = 10 x Cable O.D during Installation. 6 x Cable O.D Installed.**

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