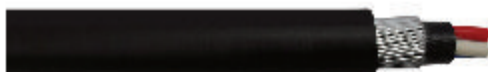


MCP SWA SERIES

Standard Performance Fixed SWA
Circular TPS Cable 0.6/1kV 90°C



APPLICATIONS:

- Power** Suitable for mains and submains in a fixed application.
- Direct Burial** Steel armour provides mechanical protection, allowing for the cable to withstand higher stresses, be buried directly and used in external or underground projects.
- Outdoor Use** Suitable for outdoor use and wet locations where mechanical protection is required.
- Hazardous Areas** With correct explosion proof glands this cable can be installed in locations subject to explosion hazards AS/NZS 60079.14.

PRODUCT FEATURES:

- Suitable for circuits buried direct
- Steel wire armoured
- UV stabilised
- Flame retardant
- Metre marking for better length control
- Heat, oil and chemical resistant (See Technical Section)

CONSTRUCTION:

- Conductor** Annealed plain copper stranded (Class 2).
- Insulation** V-90.
- Bedding Sheath** SPVC 5V-90.
- Armoured** Galvanised steel wire armoured.
- Outer Sheath** SPVC.

CHARACTERISTICS:

- Operating Temperature Range** Fixed -20 to 90°C
- Maximum Conductor Temperature** 90°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).
- Rated Voltage** Uo/U 0.6/1kV.
- Minimum Bending Radius** Fixed 12 x cable diameter.
- Sheath Colour** Black.
- Standard Core Colours**
 - 2 Cores + E: Red, Black, Green/Yellow.
 - 3 Cores + E: Red, White, Blue, Green/Yellow.
 - 4 Cores + E: Red, White, Blue, Black, Green/Yellow.
- Relevant Standards** AS/NZS 1125, AS/NZS 3008, AS/NZS 3808, AS/NZS 5000.1, IEC 60332-1-2, AS/NZS 60079.14.
- RoHS** Compliant.
- BEP Certified** - Greenstar compliant.

Code	No. of Cores x Size (mm ²)	Approx. Stranding No. of wires x mm	Diameter of Bedding (mm)	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)	Nominal Amps un-enclosed protected from sun at 30°C fixed application	Nominal Amps Buried Direct	Max. D.C. Resistance @ 20°C m Ω/m	3 Phase Volt Drop Conductor Temp: 75°C (Mv/A/m)	Gland Size CW or FW
						Touching				
MCP03G1.5SWA	2x1.5+E1.5	7/0.50+7/0.50	9.1	15	380	17	20	13.6	28.6	GMCW20S
MCP03G2.5SWA	2x2.5+E2.5	7/0.67+7/0.67	10.1	16.1	450	25	28	7.41	15.6	GMCW20
MCP03G4.0SWA	2x4.0+E2.5	7/1.04+7/0.67	11.9	17.8	665	36	36	4.61	9.71	GMCW20
MCP03G6.0SWA	2x6.0+E2.5	7/1.04+7/0.67	13.0	19.0	750	42	46	3.08	6.49	GMCW20
MCP04G1.5SWA	3x1.5+E1.5	7/0.50+7/0.50	9.9	15.8	430	17	20	13.6	28.6	GMCW20S
MCP04G2.5SWA	3x2.5+E2.5	7/0.67+7/0.67	11.1	17.0	510	25	28	7.41	15.6	GMCW20
MCP04G4.0SWA	3x4.0+E2.5	7/1.04+7/0.67	12.9	19.5	760	36	36	4.61	9.71	GMCW25S
MCP04G6.0SWA	3x6.0+E2.5	7/1.04+7/0.67	14.2	20.8	880	42	46	3.08	6.49	GMCW25S
MCP05G1.5SWA	4x1.5+E1.5	7/0.50+7/0.50	10.8	16.7	490	17	20	13.6	28.6	GMCW20
MCP05G2.5SWA	4x2.5+E2.5	7/0.67+7/0.67	12.1	18.1	710	25	28	7.41	15.6	GMCW20
MCP05G4.0SWA	4x4.0+E2.5	7/1.04+7/0.67	14.3	20.9	850	36	36	4.61	9.71	GMCW25S
MCP05G6.0SWA	4x6.0+E2.5	7/1.04+7/0.67	15.7	22.4	980	42	46	3.08	6.49	GMCW25S