MAXCAB CONSTRUCTION CABLES & BUILDING WIRE

CW SERIES

Standard Performance Fixed Building / Conduit Wire 0.6/1kV 90°C

APPLICATIONS:

Power Suitable for switchboards and panel wiring.

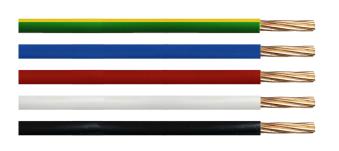
Control & Signals Suitable for control panel wiring.

Enclosures Wiring in metal / PVC conduit and other protective enclosures.

Earthing Wiring in housing and light commercial buildings. Also suitable for earth bonding.

PRODUCT FEATURES:

- ► Flame retardant
- UV stabilised
- ► Tight bending radius
- ▶ Metre marked 0.5mm to 25mm for better length control
- ▶ Oil and chemical resistant (See Technical Section)



CONSTRUCTION:

Conductor Annealed plain copper stranded (Class 2). **Insulation** SPVC V-90HT.

CHARACTERISTICS:

Operating Temperature Range Fixed -5°C to 90°C.

Maximum Conductor Temperature 105°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).

Rated Voltage Uo/U 0.6/1kV. Max AC Operating Voltage Uo 0.7kV.

Minimum Bending Radius Fixed 7 x cable diameter.

Insulation Colours

(use colour letters at end of code when ordering)

G/Y - Green/Yellow

BK - Black

BL - Blue

RD - Red

WH - White. Other colours available on request.

Relevant Standards AS/NZS 5000.1, AS/NZS 3808, AS/NZS 3008, AS/NZS 1125, **C** € Directive 2006/95/EC,

ROHS Compliant.

Code	No. of Cores x Size	Approx. Stranding	Approx. Overall Diameter	Approx. Weight	Nominal Amps @ 30°C Fixed Installation Single Phase		Single Phase Volt Drop
	(mm²)	No. of wires x mm	(mm)	(Kg/Km)	Conduit in air	Unenclosed in air	90°C (Mv/Am)
CW001.5	1 x 1.5	7/0.5	3.3	25	21	22	34.6
CW002.5	1 x 2.5	7/0.67	3.7	35	27	31	18.9
CW004	1 x 4.0	7/0.85	4.7	55	36	41	11.7
CW006	1 x 6.0	7/1.04	5.3	70	47	52	7.82
CW010	1 x 10.0	7/1.35	6.1	120	62	72	4.67
CW016	1 x 16.0	7/1.70	7.1	180	80	95	2.94
CW025	1 x 25.0	7/2.14	8.9	285	107	129	1.87
CW035	1 x 35.0	19/1.53	10.3	370	128	158	1.35
CW050	1 x 50.0	19/1.78	12.0	515	157	194	1.007
CW070	1 x 70.0	19/2.14	13.3	730	194	246	0.710
CW095	1 x 95.0	37/1.78	15.9	980	242	306	0.527
CW120	1 x 120	37/2.03	16.4	1250	276	358	0.430
CW150	1 x 150	37/2.27	17.9	1480	314	413	0.381

