## **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) BK - Black BL - Blue G/Y - Green/Yellow RD - Red WH - White. Other colours available on request. Relevant Standards AS/NZS 5000.1, AS/NZS 3808,

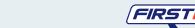
AS/NZS 3008, AS/NZS 1125, **C €** Directive 2006/95/EC,

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

Firstflex has taken every precaution to ensure accurate information in this catalogue, but accept no liability for any errors or omissions. Firstflex reserves the right to modify specifications at any time.

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