

## FLEXIBLE PVC CONTROL CABLE

### #12AWG THROUGH #2AWG

### UL & CSA AWM 90DEGREES C 600VOLTS

#### CONSTRUCTION:

**CONDUCTOR** FLEXIBLE FINE STRANDED BARE COPPER, IN ACCORDANCE WITH DIN VDE 0295 CLASS 5.

**INSULATION** POLYVINYLCHLORIDE (PVC).

**COLOR CODE** BLACK CONDUCTORS WITH CONSECUTIVE WHITE NUMBERING, PLUS ONE GREEN/YELLOW STRIPED GROUND (INCLUDED IN TOTAL CONDUCTOR COUNT).

**JACKET** OIL RESISTANT GRAY POLYVINYL CHLORIDE (PVC).

Charlotte Wire Part#	Approximate AWG Size	Size in mm <sup>2</sup>	Number of Strands	Number of Conductors	Overall Diameter		Net Weight Lbs/Mft
					in.	mm	
CW03661	12	4mm <sup>2</sup>	56	3	.44"	11.2	160
CW03662	12	4mm <sup>2</sup>	56	4	.50"	12.7	208
CW03663	12	4mm <sup>2</sup>	56	5	.55"	14	245
CW03664	12	4mm <sup>2</sup>	56	7	.65"	16.5	310
CW03665	10	6mm <sup>2</sup>	84	3	.51"	13	240
CW03666	10	6mm <sup>2</sup>	84	4	.56"	14.2	270
CW03667	10	6mm <sup>2</sup>	84	5	.63"	16	324
CW03680	10	6mm <sup>2</sup>	84	7	.79"	20.1	423
CW03668	8	10mm <sup>2</sup>	80	3	.67"	17	375
CW03669	8	10mm <sup>2</sup>	80	4	.72"	18.3	438
CW03670	8	10mm <sup>2</sup>	80	5	.79"	20.1	526
CW03671	6	16mm <sup>2</sup>	128	3	.82"	20.8	576
CW03672	6	16mm <sup>2</sup>	128	4	.94"	23.9	700
CW03673	6	16mm <sup>2</sup>	128	5	1.03"	26.2	844
CW03674	4	25mm <sup>2</sup>	200	3	.98"	24.9	820
CW03675	4	25mm <sup>2</sup>	200	4	1.11"	28.2	1010
CW03676	4	25mm <sup>2</sup>	200	5	1.22"	31	1245
CW03677	2	35mm <sup>2</sup>	280	3	1.13"	28.7	1090
CW03678	2	35mm <sup>2</sup>	280	4	1.27"	32.3	1423
CW03679	2	35mm <sup>2</sup>	280	5	1.42"	36.1	1750

#### APPLICATION:

Suitable as a flexible power or control cable in a variety of uses such as assembly lines, control panels and systems, machine tools, automation equipment, and material handling equipment. Specially formulated PVC jacket is oil resistant, and allows for use in dry and wet locations.

#### STANDARDS:

UL AWM: 90Deg C 600V External interconnection or internal wiring.  
 CSA AWM I/II A/B.  
 RoHS Compliant.  
 CE: Meets EU requirements.

#### TEMPERATURE RANGE:

In flexing application: -5Deg C to +90Deg C.  
 In stationary installation: -40Deg C to +90Deg C.