

FLEXIBLE PVC CONTROL CABLE

#16AWG AND #14AWG

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).

OUTER JACKET OIL RESISTANT GRAY POLYVINYL CHLORIDE (PVC).

Charlotte Wire Part#	Approximate AWG Size	Size in mm ²	Number of Strands	Number of Conductors	Overall Diameter in.	Overall Diameter mm	Net Weight Lbs/Mft
CW03631	16	1.5mm ²	30	2	.28"	7.1	45
CW03632	16	1.5mm ²	30	3	.30"	7.6	60
CW03633	16	1.5mm ²	30	4	.33"	8.4	74
CW03634	16	1.5mm ²	30	5	.36"	9.1	92
CW03635	16	1.5mm ²	30	7	.40"	10.2	122
CW03636	16	1.5mm ²	30	9	.52"	13.2	175
CW03637	16	1.5mm ²	30	12	.54"	13.7	208
CW03638	16	1.5mm ²	30	18	.64"	16.3	300
CW03639	16	1.5mm ²	30	25	.74"	18.8	410
CW03640	16	1.5mm ²	30	34	.86"	21.8	620
CW03641	16	1.5mm ²	30	41	.96"	24.4	810
CW03642	16	1.5mm ²	30	50	1.03"	25.8	1000
CW03643	16	1.5mm ²	30	61	1.12"	28.5	1218
CW03644	14	2.5mm ²	50	2	.33"	8.4	85
CW03645	14	2.5mm ²	50	3	.35"	8.9	92
CW03646	14	2.5mm ²	50	4	.40"	10.2	123
CW03647	14	2.5mm ²	50	5	.43"	10.9	147
CW03648	14	2.5mm ²	50	7	.51"	13.0	195
CW03649	14	2.5mm ²	50	9	.62"	15.8	310
CW03650	14	2.5mm ²	50	12	.65"	16.5	395
CW03651	14	2.5mm ²	50	18	.77"	19.6	574
CW03652	14	2.5mm ²	50	25	.94"	23.9	850

APPLICATION:

Suitable as a flexible 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 application: +40Deg C to +90Deg C.