

FLEXIBLE PVC CONTROL CABLE

#20AWG AND #18AWG

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 ²	Number of Strands	Number of Conductors	Overall Diameter in.	Diameter mm	Net Weight Lbs/Mft
CW03601	20	.5mm ²	16	2	.23"	5.9	29
CW03602	20	.5mm ²	16	3	.25"	6.3	40
CW03603	20	.5mm ²	16	4	.27"	6.9	50
CW03604	20	.5mm ²	16	5	.29"	7.4	61
CW03605	20	.5mm ²	16	7	.32"	8.1	82
CW03606	20	.5mm ²	16	8	.38"	9.6	95
CW03607	20	.5mm ²	16	9	.41"	10.4	102
CW03608	20	.5mm ²	16	12	.43"	10.9	115
CW03609	20	.5mm ²	16	18	.51"	13.0	164
CW03610	20	.5mm ²	16	25	.60"	15.2	238
CW03611	20	.5mm ²	16	34	.70"	17.8	320
CW03612	20	.5mm ²	16	41	.79"	20.1	376
CW03613	18	1.0mm ²	32	2	.26"	6.6	38
CW03614	18	1.0mm ²	32	3	.27"	6.9	46
CW03615	18	1.0mm ²	32	4	.30"	7.6	56
CW03616	18	1.0mm ²	32	5	.32"	8.1	68
CW03617	18	1.0mm ²	32	7	.36"	9.1	89
CW03618	18	1.0mm ²	32	8	.40"	10.1	112
CW03619	18	1.0mm ²	32	9	.45"	11.4	125
CW03620	18	1.0mm ²	32	12	.47"	11.9	146
CW03621	18	1.0mm ²	32	18	.57"	14.5	210
CW03622	18	1.0mm ²	32	25	.65"	16.5	305
CW03623	18	1.0mm ²	32	34	.77"	19.6	450
CW03624	18	1.0mm ²	32	41	.84"	21.3	560
CW03625	18	1.0mm ²	32	50	.93"	23.6	705

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 installation: -40Deg C to +90Deg C.