

SHIELDED FLEX PVC CONTROL CABLE

#20AWG AND #18AWG

UL & CSA AWM 90DEGREES C 600VOLTS

CONSTRUCTION:

CONDUCTOR FLEXIBLE FINE STRANDED BARE COPPER.

INSULATION POLYVINYLCHLORIDE (PVC).

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

INNER JACKET CONDUCTORS CABLED WITH INNER POLYVINYL CHLORIDE JACKET

SHIELD TINNED COPPER BRAID SHIELD OVER INNER PVC JACKET

OUTER JACKET OIL RESISTANT GRAY POLYVINYL CHLORIDE (PVC).

Charlotte Wire Part#	Size AWG	Number of Conductors	Overall		Net	
			in.	mm	Lbs/Mft	Kg/Km
CW03601CY	20	2	.32"	8.1	66	99
CW03602CY	20	3	.33"	8.4	85	127
CW03603CY	20	4	.35"	8.9	95	142
CW03604CY	20	5	.38"	9.7	104	155
CW03605CY	20	7	.40"	10.2	115	172
CW03607CY	20	9	.49"	12.5	160	239
CW03608CY	20	12	.51"	13.0	182	272
CW03609CY	20	18	.60"	15.2	238	355
CW03610CY	20	25	.68"	17.3	282	421
CW03611CY	20	34	.78"	19.8	370	552
CW03612CY	20	41	.86"	21.8	420	627
CW03613CY	18	2	.34"	8.6	74	110
CW03614CY	18	3	.35"	8.9	81	121
CW03615CY	18	4	.37"	9.4	102	152
CW03616CY	18	5	.40"	10.2	119	178
CW03617CY	18	7	.43"	10.9	135	202
CW03619CY	18	9	.51"	13.0	178	267
CW03620CY	18	12	.54"	13.7	225	336
CW03621CY	18	18	.64"	16.3	310	463
CW03622CY	18	25	.76"	19.3	420	627
CW03623CY	18	34	.86"	21.9	530	791
CW03624CY	18	41	.93"	23.6	670	1000
CW03625CY	18	50	.99"	25.1	840	1254

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. Tinned copper braid shield provides protection against electromagnetic interference. Specially formulated PVC jacket is oil resistant, and allows for use in wet or dry locations .

STANDARDS:

UL AWM.
CSA AWM.

TEMPERATURE RANGE:

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

OPTIONAL CONSTRUCTION:

CE rated per VDE specs (500Volts 70Deg C).