

SHIELDED FLEX PVC CONTROL CABLE

#12AWG(4mm sq) through #2AWG(35mm sq)
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#	Conductor Size		Number of Conductors	Overall Diameter		Net Weight	
	AWG	sq.mm		in.	mm	Lbs/Mft	Kg/Km
CW03661CY	12	4	3	.53"	13.5	215	321
CW03662CY	12	4	4	.60"	15.2	300	448
CW03663CY	12	4	5	.65"	16.5	350	522
CW03664CY	12	4	7	.74"	18.8	490	731
CW03665CY	10	6	3	.61"	15.5	300	448
CW03666CY	10	6	4	.67"	17.0	375	560
CW03667CY	10	6	5	.75"	19.1	460	687
CW03668CY	8	10	3	.76"	19.3	470	702
CW03669CY	8	10	4	.83"	21.1	590	881
CW03670CY	8	10	5	.90"	22.9	690	1030
CW03671CY	6	16	3	.91"	23.1	700	1045
CW03672CY	6	16	4	1.07"	27.2	880	1313
CW03673CY	6	16	5	1.15"	29.2	1050	1567
CW03674CY	4	25	3	1.18"	30.0	1080	1612
CW03675CY	4	25	4	1.25"	31.8	1250	1866
CW03676CY	4	25	5	1.35"	34.3	1480	2209
CW03677CY	2	35	3	1.30"	33.0	1340	2000
CW03678CY	2	35	4	1.45"	36.8	1600	2388
CW03679CY	2	35	5	1.64"	41.8	1970	2940

APPLICATION:

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.

TEMPERATURE RANGE:

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

STANDARDS:

UL AWM.
CSA AWM.

OPTIONAL CONSTRUCTION:

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