



“Taking Care of Business”

toll free: 800-929-9473

FLEXIBLE TC-ER CONTROL CABLE #18AWG - SUNLIGHT RESISTANT, DIRECT BURIAL UL TC-ER, MTW, 600VOLTS, WTTC 1000VOLTS, CSA CIC/TC

CONSTRUCTION:

CONDUCTOR FLEXIBLE FINE STRANDED BARE COPPER.

INSULATION POLYVINYLCHLORIDE (PVC) WITH NYLON SHEATH.

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

JACKET OIL RESISTANT BLACK POLYVINYL CHLORIDE (PVC).*

Charlotte Wire Part#	Size AWG	Number of Conductors	Overall Diameter		Net Weight	
			in.	mm	Lbs/Mft	Kg/Km
CW13628	18	3	.30"	7.6	55	37
CW13629	18	4	.32"	8.1	66	44
CW13630	18	5	.35"	8.9	83	56
CW13631	18	7	.38"	9.7	103	69
CW13632	18	9	.43"	10.9	115	77
CW13633	18	12	.48"	12.2	165	111
CW13634	18	16	.58"	14.8	200	134
CW13635	18	18	.59"	15.0	244	164
CW13636	18	19	.63"	16.0	250	168
CW13637	18	25	.68"	17.3	323	217
CW13638	18	30	.78"	19.8	380	255
CW13639	18	34	.79"	20.1	410	275
CW13640	18	41	.91"	23.1	530	356
CW13641	18	50	.94"	23.9	650	436

*To specify gray jacket, add suffix "-GY" to Charlotte Wire Part Number.

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. WTTC rating allows for use in wind power generation applications.

STANDARDS:

UL 1277 for TC-ER cable.
UL 1063 for Type MTW.
UL 2277 for WTTC 90Deg C, 1000Volts.
C(UL) Type CIC/TC FT4 90Deg C, 600Volts.
RoHS compliant.
NEC Articles 336 &392 for Tray Cable uses and constructions.