

FLEXIBLE TC-ER CONTROL CABLE
#14 - 10AWG - 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
CW03645-BKTC	14	3	.35"	8.9	88	59
CW03646-BKTC	14	4	.38"	9.7	109	73
CW03647-BKTC	14	5	.42"	10.7	128	86
CW03648-BKTC	14	7	.45"	11.4	168	113
CW03649-BKTC	14	9	.58"	14.7	228	85
CW03650-BKTC	14	12	.65"	16.5	305	205
CW03651-BKTC	14	18	.74"	18.8	440	295
CW03652-BKTC	14	25	.90"	22.9	590	396
CW03661-BKTC	12	3	.43"	10.9	125	84
CW03662-BKTC	12	4	.46"	11.7	153	103
CW03663-BKTC	12	5	.51"	13.0	188	126
CW03664-BKTC	12	7	.59"	15.0	260	174
CW03665-BKTC	10	3	.50"	12.7	185	124
CW03666-BKTC	10	4	.58"	14.7	240	161
CW03667-BKTC	10	5	.63"	16.0	290	195
CW03680-BKTC	10	7	.70"	17.8	395	265

*To specify gray jacket, change part number suffix to "-GYTC" (from -BKTC).

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.