

FLEXIBLE TC-ER CONTROL CABLE

#16AWG - 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
CW03632-BKTC	16	3	.33"	8.4	68	46
CW03633-BKTC	16	4	.35"	8.9	80	54
CW03634-BKTC	16	5	.38"	9.7	99	67
CW03653-BKTC	16	6	.40"	10.2	115	77
CW03635-BKTC	16	7	.41"	10.4	126	85
CW03654-BKTC	16	8	.44"	11.2	148	99
CW03636-BKTC	16	9	.48"	12.2	173	116
CW03655-BKTC	16	10	.50"	12.7	188	126
CW03637-BKTC	16	12	.54"	13.7	204	137
CW03656-BKTC	16	16	.64"	16.3	272	183
CW03638-BKTC	16	18	.65"	16.5	295	198
CW03657-BKTC	16	19	.69"	17.5	305	205
CW03658-BKTC	16	20	.70"	17.8	323	217
CW03639-BKTC	16	25	.75"	19.1	395	265
CW03659-BKTC	16	27	.79"	20.1	425	285
CW03640-BKTC	16	34	.91"	23.1	545	366
CW03660-BKTC	16	37	.92"	23.4	585	392
CW03641-BKTC	16	41	.99"	25.2	630	423
CW03642-BKTC	16	50	1.05"	26.7	770	517
CW03643-BKTC	16	61	1.09"	27.7	950	637

*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.