

FLEXIBLE TC-ER CABLE

8GA - 500MCM , SUNLIGHT RESISTANT, DIRECT BURIAL
UL TC-ER 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
CW03901	8	4	.73"	18.6	390	262
CW03902	8	5	.79"	20.1	530	356
CW03903	6	3	.78"	19.8	460	309
CW03904	6	4	.89"	22.6	580	389
CW03905	6	5	.98"	24.9	520	349
CW03906	4	3	.99"	25.2	790	530
CW03907	4	4	1.08"	27.4	940	630
CW03908	4	5	1.16"	29.5	1200	805
CW03909	2	3	1.15"	29.2	1040	698
CW03910	2	4	1.27"	32.3	1350	906
CW03911	2	5	1.34"	34.0	1690	1134
CW03912	1	4	1.40"	35.6	1570	1053
CW03913	1/0	4	1.51"	38.4	1920	1288
CW03914	2/0	4	1.69"	42.9	2380	1596
CW03915	3/0	4	1.76"	44.7	3030	2032
CW03916	4/0	4	2.10"	53.3	3640	2441
CW03917	250MCM	4	2.20"	55.9	4230	2837
CW03918	350MCM	4	2.52"	64.0	6000	4024
CW03919	500MCM	4	2.94"	74.7	8210	5507

APPLICATION:

Suitable as a flexible control cable or power 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.