



**DIESEL LOCOMOTIVE CABLE 600/2000VOLTS
SINGLE CONDUCTOR FLEXIBLE POWER CABLE -40DEG C +90DEG C
UL RHH/RHW-2 CSA RW90 1KV MSHA**

CONSTRUCTION:

CONDUCTOR FLEXIBLE STRANDED TINNED SOFT DRAWN COPPER.

INSULATION 90 DEGREE C ETHYLENE PROPYLENE RUBBER (EPR).

JACKET HEAVY DUTY BLACK THERMOSETTING CPE WITH RESISTANCE TO SUNLIGHT, FLAME, CHEMICALS, OIL, AND ABRASION.

Charlotte Wire Part#	Size AWG	Number of Strands	Conductor Diameter (in.)	Insulation Thickness (in.)	Jacket Thickness (in.)	3/C Amps*	1/C Amps**	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03370	14	19 x 27awg	.07"	.045"	.015"	25	35	.20"	30
CW03371	12	19 x 25awg	.09"	.045"	.015"	30	40	.23"	43
CW03372	10	27 x 24awg	.12"	.045"	.015"	40	55	.25"	58
CW03373	8	37 x 24awg	.14"	.055"	.030"	55	80	.34"	90
CW03374	6	61 x 24awg	.21"	.060"	.030"	75	105	.38"	132
CW03375	4	105 x 24awg	.26"	.060"	.030"	95	140	.45"	200
CW03391	3	125 x 24awg	.29"	.060"	.030"	110	165	.48"	242
CW03376	2	150 x 24awg	.31"	.060"	.030"	130	190	.51"	269
CW03377	1	225 x 24awg	.38"	.080"	.045"	150	220	.62"	420
CW03378	1/0	275 x 24awg	.41"	.080"	.045"	170	260	.66"	490
CW03379	2/0	325 x 24awg	.45"	.080"	.045"	195	300	.71"	565
CW03380	3/0	450 x 24awg	.54"	.080"	.045"	225	350	.79"	740
CW03381	4/0	550 x 24awg	.59"	.080"	.045"	260	405	.84"	875
CW03382	262MCM	650 x 24awg	.64"	.090"	.065"	296	467	.94"	1070
CW03383	313MCM	775 x 24awg	.70"	.090"	.065"	326	522	1.00"	1260
CW03384	373MCM	925 x 24awg	.77"	.090"	.065"	362	591	1.06"	1465
CW03385	444MCM	1100 x 24awg	.84"	.090"	.065"	400	652	1.15"	1725
CW03386	535MCM	1325 x 24awg	.92"	.090"	.065"	445	728	1.25"	2015
CW03387	646MCM	1600 x 24awg	1.03"	.090"	.065"	493	815	1.36"	2420
CW03388	777MCM	1925 x 24awg	1.11"	.090"	.065"	546	904	1.44"	2880
CW03389	929MCM	2318 x 24awg	1.25"	.090"	.065"	585	1005	1.55"	3480
CW03390	1111MCM	2745 x 24awg	1.35"	.115"	.095"	615	1119	1.80"	4120

*Ampacities based on 90C Conductor and 30C Ambient Temperature with not more than three current-carrying conductors in raceway, cable, or earth per NEC 310.15(B)(16).

**Ampacities based on single conductor in free air, 90C conductor temperature, 30C ambient temperature from NEC 310.15(B)(17).

APPLICATION:

Suitable for use in locomotive and car equipment wiring, motor leads, portable power systems, cranes, hoists, shipyards, temporary power, electrical moving equipment, and other applications using a heavy duty flexible power cable.

STANDARDS:

Passes MSHA flame test.

Passes UL VW1 flame test. (all sizes)

UL44: Types RHH/RHW-2.

ICEA S-95-658/NEMA WC70 for Nonshielded 0 - 2KV Cables.

CSA C22.2-38: Type RW90 1000volts.

NEC Article 392: CT Use and Sunlight Resistant (1/0 and larger).