



**SUBMERSIBLE PUMP CABLE , FLAT, JACKETED
2 & 3 CONDUCTOR WITH GROUND , HEAVY DUTY
PVC INSULATED THW CONDUCTORS , 600VOLTS , 75 DEGREES C**

CONSTRUCTION:

CONDUCTOR STRANDED BARE COPPER.

INSULATION POLYVINYLCHLORIDE (PVC) TYPE THW PER UL 83. INSULATED CONDUCTORS RATED 75DEGREES C WET OR DRY.

CONDUCTOR 2/C ITEMS ARE COLOR CODED BLACK AND RED WITH ADDITIONAL STRANDED GREEN GROUND.

IDENTIFICATION 3/C ITEMS ARE COLOR CODED BLACK, RED, AND YELLOW WITH ADDITIONAL STRANDED GREEN GROUND.

ASSEMBLY INSULATED CONDUCTORS LAID PARALLEL AND WITH OVERALL BLACK PVC JACKET.

Charlotte Wire Part#	Size AWG	Number of Conductors	Insulation Thickness (in.)	Ground Wire Size (AWG)	Jacket Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)	Ampacity *(amps)
CW13001	14	2	.045"	14	.045"	.26" x .59"	115	15
CW13002	14	3	.045"	14	.045"	.26" x .75"	149	15
CW13003	12	2	.045"	12	.045"	.28" x .65"	155	20
CW13004	12	3	.045"	12	.045"	.28" x .83"	195	20
CW13005	10	2	.045"	10	.045"	.30" x .72"	215	30
CW13006	10	3	.045"	10	.045"	.30" x .92"	260	30
CW13007	8	2	.060"	10	.045"	.36" x .83"	280	50
CW13008	8	3	.060"	10	.045"	.36" x 1.09"	378	50
CW13009	6	3	.060"	8	.045"	.40" x 1.27"	530	65
CW13010	4	3	.060"	8	.045"	.45" x 1.40"	725	85
CW13011	2	3	.060"	6	.045"	.50" x 1.60"	1050	115
CW13012	1	3	.080"	6	.060"	.63" x 1.91"	1580	130
CW13013	1/0	3	.080"	6	.060"	.65" x 1.98"	1634	150
CW13014	2/0	3	.080"	6	.060"	.68" x 2.11"	1960	175
CW13015	3/0	3	.080"	4	.060"	.73" x 2.30"	2420	200
CW13016	4/0	3	.080"	4	.060"	.80" x 2.49"	2920	230
CW13017	250MCM	3	.095"	4	.080"	.92" x 2.80"	3540	255
CW13018	350MCM	3	.095"	3	.080"	1.03" x 3.14"	4700	310
CW13019	500MCM	3	.095"	2	.080"	1.15" x 3.53"	6400	380

*Ampacities based on 2014 NEC Table 310.15(B)(16).

APPLICATION:

For use in the well casing to supply power to the pump in deep well submersible water pumps, especially in heavy duty applications where extra mechanical protection is required.

STANDARDS:

UL Standard 83 for THW conductors.