



“Taking Care of Business”

toll free: 800-929-9473

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

CONSTRUCTION:

CONDUCTOR STRANDED BARE COPPER PER ASTM B-3.

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

CONDUCTOR IDENTIFICATION 2/C ITEMS ARE YELLOW WITH BLACK STRIPE AND YELLOW WITH RED STRIPE. GROUND IS YELLOW WITH GREEN STRIPE.

3/C ITEMS ARE YELLOW WITH BLACK STRIPE, YELLOW WITH RED STRIPE, YELLOW WITH NO STRIPE. GROUND IS YELLOW WITH GREEN STRIPE.

ASSEMBLY INSULATED CONDUCTORS BONDED TOGETHER IN PARALLEL CONFIGURATION WITH NO ADDITIONAL OUTER JACKET.

Charlotte Wire Part#	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness (in.)	Ground Wire Size (AWG)	Ground Number of Strands	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)	Ampacity *(amps)
CW13023	14	2	7	.045"	14	7	.17" x .59"	76	15
CW13024	14	3	7	.045"	14	7	.17" x .76"	92	15
CW13025	12	2	7	.045"	12	7	.19" x .60"	103	20
CW13026	12	3	7	.045"	12	7	.19" x .81"	138	20
CW13027	10	2	7	.045"	10	7	.21" x .68"	148	30
CW13028	10	3	7	.045"	10	7	.21" x .90"	192	30
CW13029	8	2	7 or 19	.060"	10	7	.28" x .87"	208	50
CW13030	8	3	7 or 19	.060"	10	7	.28" x .1.20"	280	50
CW13031	6	2	7 or 19	.060"	8	7 or 19	.32" x .94"	320	65
CW13032	6	3	7 or 19	.060"	8	7 or 19	.32" x 1.35"	420	65
CW13033	4	3	7 or 19	.060"	8	7 or 19	.37" x 1.53"	610	85

*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.

STANDARDS:

UL Standard 83 for THW conductors.