



“Taking Care of Business”

toll free: 800-929-9473

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

CONSTRUCTION:

CONDUCTOR SOLID OR CLASS B STRANDED BARE COPPER PER ASTM B-3.

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 GREEN GROUND.

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

ASSEMBLY INSULATED CONDUCTORS TWISTED TOGETHER WITH NO 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)
CW03335	14	2	Solid	.045"	14	Solid	.34"	68	15
CW03336	14	3	Solid	.045"	14	Solid	.38"	90	15
CW03337	12	2	Solid	.045"	12	Solid	.37"	94	20
CW03338	12	3	Solid	.045"	12	Solid	.42"	125	20
CW03339	10	2	Solid	.045"	10	Solid	.42"	136	30
CW03340	10	3	Solid	.045"	10	Solid	.47"	181	30
CW03341	8	2	7	.060"	10	7	.54"	198	50
CW03342	8	3	7	.060"	10	7	.63"	275	50
CW03343	6	3	7	.060"	8	7	.73"	420	65
CW03344	4	3	7	.060"	8	7	.84"	586	85
CW03345	2	3	7	.060"	6	7	1.00"	865	115

*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.