

COPPER UF-B 2 & 3 CONDUCTOR WITH GROUND, TYPE UF-B THHN CONDUCTORS, PVC JACKET, 600VOLTS

CONSTRUCTION:

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

INSULATION POLYVINYLCHLORIDE (PVC) WITH NYLON JACKET.

CONDUCTOR IDENTIFICATION 2/C ITEMS ARE COLOR CODED BLACK AND WHITE. 3/C ITEMS ARE COLOR CODED BLACK, WHITE, AND RED.

ASSEMBLY INSULATED CONDUCTORS LAID PARALLEL WITH A BARE GROUND CONDUCTOR BETWEEN INSULATED CONDUCTORS.

JACKET SUNLIGHT RESISTANT GRAY PVC.

Charlotte Wire Part#	Size AWG	Number of Conductors	Number of Strands	PVC + Nylon Ins.Thickness (in.)	Jacket Thickness (in.)	Ground Wire Size (AWG)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)	Ampacity *(amps)
CW01332	14	2	1	.019"	.030"	1 - #14Solid	.19" x .41"	68	15
CW01333	14	3	1	.019"	.030"	1 - #14Solid	.19" x .58"	98	15
CW01334	12	2	1	.019"	.030"	1 - #12Solid	.20" x .45"	95	20
CW01335	12	3	1	.019"	.030"	1 - #12Solid	.20" x .63"	135	20
CW01336	10	2	1	.024"	.030"	1 - #10Solid	.23" x .52"	139	30
CW01337	10	3	1	.024"	.030"	1 - #10Solid	.23" x .74"	195	30
CW01338	8	2	7	.035"	.045"	1 - #10Solid	.32" x .69"	224	40
CW01339	8	3	7	.035"	.045"	1 - #10Solid	.34" x .99"	340	40
CW01340	6	2	7	.035"	.045"	1 - #10Solid	.40" x .81"	305	55
CW01341	6	3	7	.035"	.045"	1 - #10Solid	.40" x 1.15"	485	55

*Ampacities based on 2014 NEC Table 310.15(B)(16) and NEC Article 340.80.

APPLICATION:

For use as branch circuit or feeder cable per NEC Article 340. May be installed as interior wiring in wet, dry, or corrosive locations. May also be used underground, including direct burial in the earth.

STANDARDS:

UL Standard 83 for THHN conductors.

UL Standard 493 for Thermoplastic Insulated Underground Feeder and Branch Circuit Cables.

NEC Article 340: Type UF. Type UF-B marking is allowed with 75Deg C jacket and conductors rated 90Deg C dry locations and at least 60Deg C wet locations.