



*“Taking Care of Business”*

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## JUMPER CABLE SINGLE CONDUCTOR 5000/15000VOLTS NONSHIELDED EPR INSULATION, CPE JACKET 90DEGREES C

### CONSTRUCTION:

**CONDUCTOR** FLEXIBLE SOFT DRAWN COPPER.

**CONDUCTOR TAPE** A SEMI-CONDUCTING TAPE IS APPLIED OVER THE CONDUCTOR.

**INSULATION** 90DEGREES C ETHYLENE PROPYLENE RUBBER (EPR).

**JACKET** HEAVY DUTY RED THERMOSETTING CPE WHICH IS RESISTANT TO FLAME, ABRASION, OIL, CHEMICALS, AND SUNLIGHT.

Charlotte Wire Part#	Size AWG	Number of Strands	Conductor Diameter (in.)	Insulation Thickness (in.)	Jacket Thickness (in.)	Rating in Amps*	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03541	2	259	.33"	.175"	.080"	190	.85"	490
CW03542	1/0	259	.42"	.175"	.080"	260	.94"	670
CW03543	2/0	259	.47"	.175"	.080"	300	1.00"	780
CW03544	4/0	532	.52"	.175"	.080"	400	1.16"	1100
CW03545	350MCM	855	.79"	.175"	.080"	550	1.31"	1620
CW03546	500MCM	1235	.95"	.175"	.080"	695	1.47"	2120

\*Ampacity values based on ambient air temperature of 40Degrees C and 90Degrees C conductor temperature per NEC Table 310.60(C)(69).

### APPLICATION:

Suitable for use as temporary jumper leads for portable substations, or bypassing damaged or faulted power lines at voltages up to 15000Volts phase to phase. Also for use as equipment lead where nonshielded cable up to 15000Volts is needed.

### STANDARDS:

Manufactured per ICEA standards.