



“Taking Care of Business”

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MACHINE TOOL WIRE / EQUIPMENT WIRE BARE COPPER - SIZES #1AWG THRU 750MCM TYPE MTW AND UL AWM, CSA TYPE TEW, 600VOLTS

CONSTRUCTION:

CONDUCTOR STRANDED SOFT DRAWN BARE COPPER.

INSULATION POLYVINYLCHLORIDE (PVC).

Charlotte Wire Part#	Size AWG	Number Of Strands	Insulation Thickness (in.)	Overall Diameter (in.)	Approx. Net Weight (Lbs/Mft.)
CW04131	1	19	.080"	.49"	317
CW04132	1	836	.080"	.53"	328
CW04133	1/0	19	.080"	.55"	390
CW04134	1/0	1045	.080"	.60"	425
CW04135	2/0	19	.080"	.58"	486
CW04136	2/0	1330	.080"	.65"	510
CW04137	3/0	19	.080"	.63"	595
CW04138	3/0	1672	.080"	.69"	610
CW04139	4/0	19	.080"	.68"	765
CW04140	4/0	2109	.080"	.79"	820
CW04141	250MCM	37	.095"	.77"	890
CW04142	250MCM	2500	.095"	.89"	960
CW04143	350MCM	37	.095"	.87"	1220
CW04144	350MCM	3458	.095"	1.02"	1370
CW04145	500MCM	37	.095"	1.00"	1740
CW04146	500MCM	5054	.095"	1.18"	1960
CW04147	750MCM	7440	.110"	1.39"	2720

APPLICATION:

Suitable for internal appliance wiring and machine tool wiring. May be used in transformers, switchboard panels, controls, electronic circuits, motors, and power hook-up applications. Flexible strand construction can also be used as a battery cable in appropriate sizes.

STANDARDS:

UL Standard 758: AWM Styles 1232 and 1284 (105Deg C and 600Volts).

UL Standard 1063: Type MTW 90Deg C 600V.

CSA Type TEW: 105Deg C 600V.

NEC Article 392: CT Use (1/0 and larger).

OPTIONAL CONSTRUCTIONS:

Alternate strandings such as Class H.

UL & CSA listing for uninterrupted power supply equipment.

UL 1426 BC-5W2 for Boat Cables.