



Charlotte™ Wire & Cable Company Inc.

“Taking Care of Business”

toll free: 800-929-9473

MACHINE TOOL WIRE / EQUIPMENT WIRE BARE COPPER - SIZES #22 THRU 2AWG TYPE MTW 90C AND UL AWM 105C , 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.)
CW04101	22	7	.030"	.09"	6
CW04102	20	10	.030"	.10"	7
CW04103	18	16	.030"	.11"	10
CW04104	16	19	.030"	.12"	14
CW04105	16	26	.030"	.12"	14
CW04106	14	19	.030"	.14"	20
CW04107	14	41	.030"	.14"	20
CW04108	12	19	.030"	.16"	28
CW04109	12	65	.030"	.16"	29
CW04110	10	19	.030"	.18"	42
CW04111	10	105	.030"	.19"	43
CW04112	8	19	.045"	.24"	68
CW04113	8	133	.045"	.26"	74
CW04114	6	19	.060"	.32"	108
CW04115	6	266	.060"	.34"	120
CW04116	4	19	.060"	.36"	162
CW04117	4	420	.060"	.39"	173
CW04120	3	19	.060"	.40"	212
CW04121	3	525	.060"	.43"	220
CW04118	2	19	.060"	.41"	254
CW04119	2	665	.060"	.46"	265

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:

NEC Type MTW: 90Deg C 600V.

UL Type AWM: 105Deg C 600V.

CSA Type TEW: 105Deg C 600V.

OPTIONAL CONSTRUCTIONS:

Alternate strandings such as Class H.

NEC Type TFF(#18 & #16AWG).

UL AWM Style 1230 (#22 thru 10AWG).

UL AWM Style 1231 (#8AWG).

UL AWM Style 1232 (#6 thru 4/0).

UL&CSA listing for uninterrupted power supply equipment.