



“Taking Care of Business”

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SWITCHBOARD WIRE

90DEG C XLP INSULATION - TINNED COPPER

TYPE SIS, VW1 RATED, 600VOLTS

CONSTRUCTION:

CONDUCTOR SOFT DRAWN STRANDED TINNED COPPER.

INSULATION THERMOSETTING CROSSLINKED POLYETHYLENE (XLP).

Charlotte Wire Part#	Size AWG	Stranding Number x Size	Insulation Thickness (in.)	Overall Diameter (in.)	Approx. Net Weight (Lbs/Mft.)
CW04026	18*	16 x 30AWG	.030"	.12"	11
CW04027	16*	26 x 30AWG	.030"	.13"	14
CW04028	14	7 x .0242"	.030"	.14"	20
CW04029	14	41 x 30AWG	.030"	.14"	20
CW04030	12	7 x .0305"	.030"	.16"	30
CW04031	12	65 x 30AWG	.030"	.16"	30
CW04032	10	7 x .0385"	.030"	.18"	41
CW04033	10	105 x 30AWG	.030"	.19"	42
CW04034	8	7 x .0486"	.045"	.24"	67
CW04035	8	133 x 29AWG	.045"	.26"	70
CW04036	6	7 x .0612"	.045"	.28"	105
CW04037	6	133 x 27AWG	.045"	.31"	110
CW04038	4	7 x .0772"	.045"	.33"	160
CW04039	4	133x 25AWG	.045"	.36"	165
CW04040	2	7 x .0974"	.045"	.40"	250
CW04041	2	133 x .0223"	.045"	.43"	260
CW04042	1	19 x.0591"	.055"	.45"	300
CW04043	1/0	19 x.0745"	.055"	.50"	380
CW04044	2/0	19 x.0837"	.055"	.55"	465
CW04045	3/0	19 x.0940"	.055"	.60"	570
CW04046	4/0	19 x.1055"	.055"	.65"	720

*Sizes 18 and 16 AWG are not NEC Type SIS. Minimum size for Type SIS is 14AWG.

APPLICATION:

Suitable for the wiring of switchboards, panel boards, and distribution boards installed for the control of light and power circuits per NEC Article 408.

STANDARDS:

NEC Type SIS: 90Deg C 600Volts. (Sizes 14 through 4/0AWG).
UL VW1: Passes VW1 flame test.

OPTIONAL CONSTRUCTIONS:

UL AWM 3173 125C (Sizes 18-10awg)
CSA CL1251.