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## SWITCHBOARD WIRE

### 90DEG C XLP INSULATION - TINNED COPPER

### TYPE SIS, 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.)
CW04001	18*	16 x 30AWG	.030"	.12"	11
CW04002	16*	26 x 30AWG	.030"	.13"	14
CW04003	14	7x .0242"	.030"	.14"	20
CW04004	14	41 x 30AWG	.030"	.14"	20
CW04005	12	7x .0305"	.030"	.16"	30
CW04006	12	65 x 30AWG	.030"	.16"	30
CW04007	10	7x .0385"	.030"	.18"	41
CW04008	10	105x 30AWG	.030"	.19"	42
CW04009	8	7x .0486"	.045"	.24"	67
CW04010	8	133x 29AWG	.045"	.26"	70
CW04011	6	7x .0612"	.045"	.28"	105
CW04012	6	133x 27AWG	.045"	.31"	110
CW04013	4	7x .0772"	.045"	.33"	160
CW04014	4	133x 25AWG	.045"	.36"	165
CW04015	2	7x .0974"	.045"	.40"	250
CW04016	2	133 x .0223"	.045"	.43"	260
CW04017	1	19 x .0591"	.055"	.45"	300
CW04018	1/0	19 x .0745"	.055"	.50"	380
CW04019	2/0	19 x .0837"	.055"	.55"	465
CW04020	3/0	19 x .0940"	.055"	.60"	570
CW04021	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, panelboards, 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)

#### OPTIONAL CONSTRUCTIONS:

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

CSA CL1251.