

## SWITCHBOARD WIRE

**Switchboard Type SIS\***  
**600 Volt -90C -VW-1**



CONSTRUCTION	
Conductor	- Stranded tinned copper
Insulation	- Moisture and flame retardant cross-linked Polyethylene (XLPE) VW-1

### Applications:

- Switchboard wiring, industrial control panel and other types of control apparatus.

### Standards:

- Type SIS\*
- Rated XHHW-2\*\*
- \* Sizes 18 AWG and 16 AWG are not listed as type SIS switchboard, but rather as Suitable for SIS and are not VW-1 Rated. Listed as Appliance Wiring Material per UL Style 3173 and rated by UL as 600 Volts, 125°C; 90°C when used as Type SIS.
- \*\* Sizes 18 AWG and 16 AWG are not rated XHHW-2

### Additional Information:

- Available in larger sizes
- Also available in Class B stranding
- All colors may be striped
- All colors may be twisted
- Acceptable as motor leads or for internal wiring of appliances

Part #	AWG	Stranding	Insulation Thickness	Nom. O.D.	Lbs./M'
C81801-XX	18	16	.030"	.107"	11
C81601-XX	16	26	.030"	.117"	13
C81401-XX	14	41	.030"	.133"	20
C81407-XX	14	7	.030"	.132"	20
C81207-XX	12	7	.030"	.152"	27
C81201-XX	12	65	.030"	.153"	30
C81001-XX	10	105	.030"	.195"	42
C80801-XX	8	133	.045"	.261"	74
C80601-XX	6	133	.060"	.305"	107
C80401-XX	4	133	.045"	.368"	163
C80201-XX	2	133	.045"	.434"	243

Note: The data shown is approximate and subject to standard industry and manufacturer tolerances.

Insert the color number in the -XX location:

- 01 = Black
- 02 = White
- 03 = Red
- 04 = Green
- 05 = Blue
- 06 = Gray
- 07 = Orange
- 08 = Yellow
- 09 = Purple
- 10 = Brown