



Alpha Wire Company

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Product Specification: 3530 - 3563

Date Issued: 6/13/01

Product Description: Color coded polyvinylchloride insulated Hook-Up wires, ribbon configuration, bonded flat, unspecified center to center spacing.

Note: All dimensions are in inches unless otherwise specified.

Construction Requirements

Conductor Data:

Material	Tinned Copper
AWG, Stranding	Table 1

Insulation Data:

Material	Polyvinylchloride
Nominal Wall Thickness	0.010

Ribbon Data:

Width x Thickness	Table 1
Number of Conductors	Table 1
Color Code	Brown, Red, Orange, Yellow, Green Blue, Violet, Slate, White, Black

Finished Product Requirements:

Flame Test	VW-1
Temperature Range	-20°C to 105°C - MIL, 80°C - UL
UL Style	2713
MIL-W-16878E	Type B

Availability:

100 ft. spools

Table 1

<u>Part Number</u>	<u>Number Cond.</u>	<u>AWG</u>	<u>Stranding</u>	<u>Insulation Diameter Width x Thickness</u>
3530	10	22	19/34	0.510 x 0.051
3530/7	10	22	7/30	0.500 x 0.050
3531	15	22	19/34	0.765 x 0.051
3531/7	15	22	7/30	0.755 x 0.050
3532	20	22	19/34	1.020 x 0.051
3532/7	20	22	7/30	1.000 x 0.050
3533	30	22	19/34	1.530 x 0.051
3533/7	30	22	7/30	1.500 x 0.050
3540	10	24	19/36	0.440 x 0.044
3540/7	10	24	7/32	0.440 x 0.044
3541	15	24	19/36	0.660 x 0.044
3541/7	15	24	7/32	0.660 x 0.044
3542	20	24	19/36	0.880 x 0.044
3542/7	20	24	7/32	0.880 x 0.044
3543	30	24	19/36	1.320 x 0.044
3543/7	30	24	7/32	1.320 x 0.044
3550	10	26	7/34	0.392 x 0.039
3550/14	14	26	7/34	0.546 x 0.039
3551	15	26	7/34	0.587 x 0.039
3551/16	16	26	7/34	0.624 x 0.039
3553	30	26	7/34	1.190 x 0.039
3560	10	28	7/36	0.350 x 0.035
3561	15	28	7/36	0.525 x 0.035
3562	20	28	7/36	0.700 x 0.035
3563	30	28	7/36	1.050 x 0.035