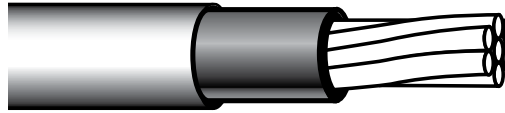


# U/L RECOGNIZED WIRE



Wires recognized by the Underwriters' Laboratories, Inc for operation in an air or an oil environment, U.L. File #E35793.

Extruded Nylon  
Armor Layer      Thermoplastic  
Insulation      Tinned Copper  
Stranded

## U.L. AWM Style 1006

- U/L Recognized Appliance Wiring Material
- Available as VW-1 Rated
- 105°C Service
- .008" Vinyl Plus Nylon Jacket
- Voltage Not Specified

Agency Voltage Rating	Not specified by UL; depends on intended use.
Factory Spark-Test Voltage	3400 VAC. 100% of all wire is tested at this voltage.
Insulation Breakdown Voltage	> 5000 volts, peak.
IR: Insulation Resistance, wet	> 1500 megohm/100 mtr, metal to water bath at +20°C
Nominal Dielectric Constant value	4
Flame Properties	Self extinguishing. Meets UL VW-1
Fungus	Fungus resistant

Meets MIL-W-16878/17 UL Style 1004 for 80°C Service, and UL Style 1005 for 90°C Service, except where noted.

GAUGE (AWG)	PART NO.	NUMBER OF STRANDS (AWG)	GAUGE OF STRANDS (AWG)	NOM. DIAM. OF STRANDED CONDUCTOR		NOM. FIN. WIRE DIAM.		MAX. RESISTANCE (dc at 20° C) Ω /per		NOM. WT.	
				IN.	mm	IN.	mm	1000-ft	Km	LBS per 1000-ft	Kg/Km
30	N305-130N	1	30	.0100	.254	.036	.914	114.00	374	0.77	1.15
30	N305-738N	7	38	.0120	.305	.038	.965	108.00	354	1.00	1.49
28	N305-128N	1	28	.0126	.320	.039	.991	70.80	232	1.15	1.71
28	N305-736N	7	36	.0150	.381	.041	1.04	68.20	224	1.22	1.82
28	N305-1940N*	19	40	.0150	.381	.041	1.04	56.70	186	1.88	2.80
26	N305-126N	1	26	.0159	.404	.042	1.07	44.50	146	1.52	2.26
26	N305-734N	7	34	.0190	.483	.045	1.14	42.60	140	1.65	2.46
26	N305-1938N	19	38	.0190	.483	.045	1.14	40.10	132	1.75	2.60
24	N305-124N	1	24	.0201	.511	.046	1.17	27.20	89	2.00	2.97
24	N305-732N	7	32	.0240	.610	.050	1.27	26.20	86	2.15	3.20
24	N305-1936N	19	36	.0240	.610	.050	1.27	25.40	83	2.25	3.85
22	N305-122N	1	22	.0253	.643	.052	1.32	17.20	56	3.00	4.46
22	N305-730N	7	30	.0300	.762	.056	1.42	16.70	55	3.15	4.69
22	N305-1934N	19	34	.0300	.762	.056	1.42	15.90	52	3.25	4.84
20	N305-120N	1	20	.0320	.813	.056	1.42	10.70	35	4.50	6.70
20	N305-728N	7	28	.0380	.965	.064	1.63	10.40	34	4.60	6.85
20	N305-1030N	10	30	.0380	.965	.064	1.63	11.80	39	4.70	7.00
20	N305-1932N	19	32	.0380	.965	.064	1.63	9.76	32	4.75	7.10
18	N305-118N	1	18	.0430	1.02	.066	1.68	6.78	22	6.20	9.23
18	N305-726N	7	26	.0480	1.22	.074	1.88	6.54	21	6.60	9.82
18	N305-1630N*	16	30	.0450	1.14	.071	1.80	6.48	21	7.00	6.70
18	N305-1930N	19	30	.0480	1.22	.074	1.88	6.22	20	7.00	10.42
16	N305-116N	1	16	.0508	1.29	.079	2.01	4.26	14	8.40	12.50
16	N305-2630N	26	30	.0550	1.40	.085	2.16	4.59	15	9.50	14.14

Standard basic insulation color numbers are: Black: 0, Brown: 1, Red: 2, Orange: 3, Yellow: 4, Green: 5, Blue: 6, Violet: 7, Gray: 8, White: 9. The insulation color code number, may be 1, 2 or 3 digits depending on the number or absence of stripes. The 1st number is color of Insulation, 2nd number is color of first stripe; 3rd number is color of the second stripe. Example: White wire(9) + Red stripe(2) + Black stripe(0) makes a color code number of "9-2-0". That color number, "9-2-0" is appended to the part number. Sample part number might be "xxxxxx-xxx-9-2-0"

\* Non-Military

# U/L RECOGNIZED WIRE



U.L. AWM Style 1006

## RoHS COMPLIANT PRODUCTS:

all RoHS products have the letter "R" written into the second position of the Part No.

GAUGE (AWG)	PART NO.	NUMBER OF STRANDS (AWG)	GAUGE OF STRANDS (AWG)	NOM. DIAM. OF STRANDED CONDUCTOR		NOM. FIN. WIRE DIAM.		MAX. RESISTANCE (dc at 20° C) Ω /per		NOM. WT.	
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