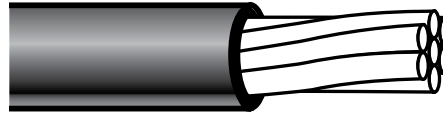


# CSA CERTIFIED WIRE



Thermoplastic  
Insulation

Tinned Copper  
Stranded

Wires certified by the Canadian Standards Association for radio or electronic use. Case File No. LL-32511, LR-39099.

## CSA-Certified

- Type TEW Thermoplastic Equipment Wire
- 105°C, 600 Volt
- 1/32" Vinyl Insulation
- Also certified as CSA Type TR-32 Radio Wire 90°C, 600 Volt and AWM I A/B 105°C, 600 Volt

Agency Voltage Rating	600 Volts
Factory Spark-Test Voltage	8000 VAC. 100% of all wire is tested at this voltage.
Insulation Breakdown Voltage	> 11000 volts, peak.
IR: Insulation Resistance, wet	> 2900 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 UL AWM style 1015 and MIL-W-16878/3, 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
24	N307-124U	1	24	.0201	.511	.082	2.08	27.20	89	4.2	6.25
24	N307-732U	7	32	.0204	.610	.086	2.18	26.20	86	4.0	5.95
24	N307-1936U	19	36	.0240	.610	.086	2.18	25.40	83	4.1	6.10
22	N307-122U	1	22	.0253	.643	.088	2.24	17.20	56	5.0	7.44
22	N307-730U	7	30	.0300	.762	.092	2.34	16.70	55	5.2	7.74
22	N307-1934U	19	34	.0300	.762	.092	2.34	15.90	52	5.3	7.88
20	N307-120U	1	20	.0320	.813	.094	2.39	10.70	35	6.8	10.11
20	N307-728U	7	28	.0380	.965	.100	2.54	10.40	34	7.3	10.86
20	N307-1030U*	10	30	.0380	.965	.100	2.54	11.80	39	7.4	11.01
20	N307-1932U	19	32	.0380	.965	.100	2.54	9.76	32	7.3	10.86
18	N307-118U	1	18	.0403	1.02	.102	2.59	6.78	22	9.3	13.64
18	N307-726U	7	26	.0480	1.22	.110	2.79	6.54	21	9.7	14.43
18	N307-1630U*	16	30	.0450	1.22	.107	2.99	6.48	21	9.8	14.58
18	N307-1930U	19	30	.0480	1.22	.110	2.79	6.22	20	10.0	14.88
16	N307-116U	1	16	.0508	1.29	.113	2.87	4.26	14	12.6	18.75
16	N307-2630U	26	30	.0550	1.40	.117	2.97	4.59	15	12.5	18.60
14	N307-114U*	1	14	.0641	1.63	.126	3.20	2.68	9.0	16.9	25.15
14	N307-4130U	41	30	.0710	1.80	.134	3.40	2.94	9.7	17.9	26.64
12	N307-6530U	65	30	.0890	2.26	.165	4.19	1.85	6.1	28.5	42.41
10	N307-1053U*	105	30	.1150	2.92	.179	4.55	0.98	3.2	41.5	61.75

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

# CSA CERTIFIED WIRE



## Type TEW Thermoplastic Equipment Wire

### 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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