

PVC

UL AWM Style 1015

600V, 105°C

(CSA Type TEW)

(JQA-F-)

VW-1

Product Description

Tinned copper, PVC insulation. Rated 105°C, 600V. Rated 2500V peak for electronic circuits, and internal wiring of electronic and electrical equipment.



Hook-Up and Lead Wire

Part No.	AWG (stranding)	Insulation Thickness		Nominal OD		Standard Lengths		Standard Unit Weight		Stock Colors (See Color Codes Chart on last Page)
		Inch	mm	Inch	mm	Ft.	m	Lbs.	kg	

600V, 105°C (UL & CSA)

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9924	24 (7x32)	.030	.76	.088	2.24	100	30.5	.7	.3	1-5, 9, 10, 13
						1000 *	304.8	5.0	2.3	1-5, 7-10, 13
						5000	1524.0	25.0	11.4	9, 10
8920	22 (7x30)	.030	.76	.093	2.36	100	30.5	.8	.4	1-5, 9, 10, 13
						1000 *	304.8	7.0	3.2	1-5, 7-10, 13
						5000 *	1524.0	30.0	13.6	1, 2, 4, 5, 10, 13
8919	20 (10x30)	.030	.76	.100	2.54	100	30.5	.9	.4	1-5, 9, 10, 13
						1000 *	304.8	8.0	3.6	1-5, 7-10, 13
						5000 *	1524.0	40.0	18.2	2, 4, 9, 10, 13
8918	18 (16x30)	.030	.76	.110	2.79	100	30.5	1.2	.5	1-5, 9, 10, 13, 189
						1000 *	304.8	10.0	4.5	1-5, 7-10, 13, 189
						5000 *	1524.0	50.0	22.7	1, 2, 4, 5, 7-10, 13
8915	18 (solid)	.030	.76	.105	2.67	1000 *	304.8	10.0	4.5	2-5, 8-10, 13
						5000 *	1524.0	50.0	22.7	2, 10
8917	16 (26x30)	.030	.76	.123	3.12	100	30.5	2.2	1.0	1-5, 9, 10, 13, 189
						500	152.4	7.5	3.4	1-5, 9, 10, 13
						1000 *	304.8	13.0	6.0	1-5, 7-10, 13, 189
						4000	1219.2	56.0	25.4	189
8916	14 (41x30)	.030	.76	.138	3.51	5000 *	1524.0	70.0	31.8	1, 2, 5, 9, 10, 13
						100	30.5	2.8	1.3	1-5, 7-10, 13, 189
						500	152.4	10.5	4.8	1-5, 7-10, 13, 189
9912	12 (65x30)	.030	.76	.158	4.01	4000 *	1219.2	80.0	36.4	1-5, 7-10, 13
						100	30.5	3.7	1.7	1-5, 7-10, 13
						250	76.2	7.8	3.5	1-5, 8-10, 13
9910	10 (65x28)	.030	.76	.180	4.57	2000	609.6	60.0	27.3	1-5, 9, 10, 13
						100	30.5	5.2	2.4	2, 4, 9, 10
						250	76.2	11.3	5.1	2, 4, 9, 10
8910	10 (105x30)	.030	.76	.186	4.72	2000	609.6	86.0	39.1	2, 9, 10
						500	152.4	22.0	10.0	1-5, 7-10, 13
						2000	609.6	92.0	41.8	1, 3, 4, 8, 10, 13

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VW-1

Product Description

Uni-Strand® conductors.

Recommended maximum baking cycles:

48 hours @ 275°F (135°C) • 24 hours @ 300°F (149°C)



Stranded tinned copper conductor
(Uni-Strand®)

Part No.	AWG (stranding) [sq.mm] (stranding in mm)	Insulation Thickness		Nominal OD		Standard Lengths		Standard Unit Weight		Stock Colors (See Color Codes Chart on last Page)
		Inch	mm	Inch	mm	Ft.	m	Lbs.	kg	

600V, 105°C (UL & CSA)

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32722	22 (7x30) [.36 (7x.25)]	.030	.76	.093	2.36	5000 [†]	1524.0	35.0	13.9	2, 8, 9, 10
32720	20 (7x28) [.56 (7x.32)]	.030	.76	.099	2.52	4000 [†]	1219.2	28.0	12.7	1-5, 9, 10, 13
32718	18 (7x26) [.90 (7x.40)]	.032	.80	.108	2.74	4000 [†]	1219.2	40.0	18.2	2-5, 7, 9, 10, 13

*Stripe colors on stock solid colors. Striping adder of \$8.00/1000 ft. for one or two stripes. 10,000 ft. minimum order for color combination. Put-up will be subject to two pieces ±10% per spool with a minimum length of 100 ft.

[†]May contain more than one piece. Minimum length of any one piece is 200 ft.

PVC**UL AWM Style 1028 and 1015****600V, 105°C**

(CSA Type TEW)

VW-1

Product Description

Tinned copper, PVC insulation.

**UL AWM Style 1283 and 1015****600V, 105°C**

(CSA Type TEW)

VW-1

Product Description

Tinned copper, PVC insulation.

**Hook-Up and Lead Wire**

Part No.	AWG (stranding)	Insulation Thickness		Nominal OD		Standard Lengths		Standard Unit Weight		Stock Colors (See Color Codes Chart on last Page)
		Inch	mm	Inch	mm	Ft.	m	Lbs.	kg	

600V, 105°C (UL & CSA)

UL AWM Style 1028 and 1015 • CSA Type TEW										
9908	8 (84x27)	.045	1.14	.250	6.35	100	30.5	8.0	3.6	2, 4, 9, 10
						250	76.2	19.0	8.7	2, 9, 10
8908	8 (133x29)	.045	1.14	.262	6.65	250	76.2	18.5	8.4	1-5, 7-10, 13
						1500	457.2	115.5	52.4	2, 4, 5, 7, 8, 10

600V, 105°C (UL & CSA)

UL AWM Style 1283 and 1015 • CSA Type TEW										
9906	6 (133x27)	.060	1.52	.331	8.41	100	30.5	11.7	5.3	1-5, 7-10, 13
						1000	304.8	122.0	55.5	1-5, 8-10, 13
9904	4 (133x25)	.060	1.52	.392	9.96	50	15.2	11.2	5.1	1-5, 7-10, 13
						500	152.4	100.5	45.7	1, 2, 4, 9, 10

PVC

Hook-Up and Lead Wire

Table 1: Insulation Characteristics

Insulation	Temperature Rating	UL Voltage Rating (Volts)	Oil Resistance	Ozone Resistance	Abrasion	Flame Resistance
Neoprene	90°C	300/600	Good	Good	Good	Good
PVC	80°C	300	Good-Excellent	Good-Excellent	Good	Excellent
	105°C	600	Good-Excellent	Good-Excellent	Good	Excellent
Hypalon®	105°C	300/600	Good	Excellent	Good	Good
XL-Dur® Cross-Linked Polyethylene	105°C	300	Good	Good	Excellent	Fair-Good
	125°C	600	Good	Good	Excellent	Fair-Good
	150°C	600	Good	Good	Excellent	Fair-Good
EPDM	125°C	600	Fair-Poor	Good	Good	Fair
	150°C	600	Fair-Poor	Good	Good	Fair
Silicone Rubber	150°C	300	Fair	Good	Poor	Good
	200°C	600	Fair	Good	Poor	Good
Silicone Rubber Glass Braid	150°C	600	Fair	Excellent	Excellent	Good
	200°C	600	Fair	Excellent	Excellent	Good
Teflon®	150°C	300	Excellent	Excellent	Excellent	Excellent
	200°C	300	Excellent	Excellent	Excellent	Excellent
	260°C	300	Excellent	Excellent	Excellent	Excellent

Table 2: Lead Wire Color Code Chart

Color No.	Color Combination	Color No.	Color Combination	Color No.	Color Combination
1	Brown	13	Dark Blue	25	White/Black/Yellow
2	Red	14	White/Black	26	White/Black/Blue
3	Orange	15	White/Red	27	White/Black/Brown
4	Yellow	16	White/Green	28	White/Black/Orange
5	Green	17	White/Yellow	29	White/Black/Gray
6	Light Blue	18	White/Blue	30	White/Black/Purple
7	Purple	19	White/Brown	189	Green/Yellow
8	Gray	20	White/Orange	620	Green/min. 30% Yellow
9	White	21	White/Gray	876	Nickel Gray
10	Black	22	White/Purple	B02	Purple
11	Tan	23	White/Black/Red		
12	Pink	24	White/Black/Green		

Non-Stock Colors: Non-stock colors and stripes of catalog items are available in minimum quantities. Price and delivery information is available upon request. Orders must be in multiples of standard packages.