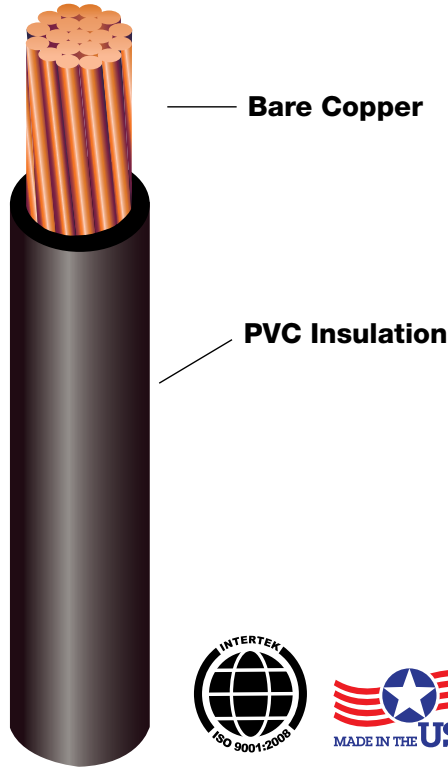


# THW-2 WIRE - 600V

PVC Insulated

14 - 4/0 AWG • 600 Volts • 90°C Dry and Wet



## Description

ADC's THW-2 is a single conductor stranded or solid copper insulated with moisture and flame retardent, sunlight resistant polyvinyl chloride.

## Applications

Suitable for use in conduits or other recognized raceways for services, feeders and branch circuit wiring.

## Construction

**Conductors:** Conforms to ASTM B-8 Class B with other classes available upon request.

**Insulation:** Polyvinyl chloride conforming to UL 1581

## Industry Listings & Standards

UL 83

UL 1581

VW-1 Flame test designation on all sizes

NEMA WC-5/ICEA S-61-402

90°C wet or dry

Sunlight Resistant

Oil Resistant II

CT use 1/0 AWG and larger

RoHS Compliant



## Cable Identification

"Advanced Digital Cable Inc. "XX" AWG 600V  
90°C (UL) Type THW OR THW-2 VW-1  
E208489"

## Cable Data

Part Number	AWG	Strand	Insulation Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight lbs/1M'	Copper Weight per lbs/1M'
514	14	7	30	.133	19	12.69
514S	14	Solid	30	.124	18	12.43
512	12	7	30	.152	27	20.16
512S	12	Solid	30	.141	26	19.76
510	10	7	30	.176	41	32.05
510S	10	Solid	30	.162	39	31.43
508	8	7	45	.236	68	51.00
506	6	7	60	.304	112	81.00
504	4	7	60	.352	166	128.90
502	2	7	60	.412	248	204.90
501	1	19	80	.492	325	258.00
5010	1/0	19	80	.533	400	326.00
5020	2/0	19	80	.579	493	411.00
5030	3/0	19	80	.630	608	518.00
5040	4/0	19	80	.688	752	653.00
50250	250 MCM	37	95	.765	908	772.00
50300	300 MCM	37	95	.820	1075	926.00
50350	350 MCM	37	95	.871	1244	1081.00
50400	400 MCM	37	95	.918	1411	1235.00
50500	500 MCM	37	95	1.003	1741	1544.00

The information contained on this specification is intended to be used a guide in product selection and is believed to be reliable.

ADC has made every effort to ensure the data shown above is accurate at the time of publication. This specification is subject to change anytime without notice.