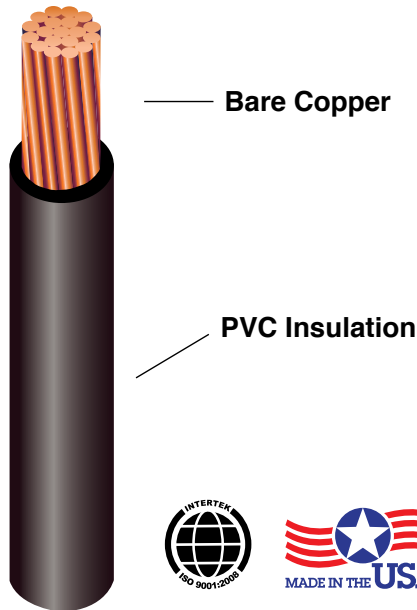


## THW-2 WIRE - BUILDING WIRE

PVC Insulated

**14 AWG - 750 MCM • 600 Volts • 90°C Dry and Wet**



### CABLE IDENTIFICATION

“ADVANCED DIGITAL CABLE, INC. XX AWG  
600V 90C (UL) Type THW OR THW-2 GR11 SR  
VW-1 E208489”

### DESCRIPTION

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

### APPLICATIONS

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

### CONSTRUCTION

**Conductors:** Conforms to ASTM B-3 and B-8.

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

**Colors:** Black, Green, White, Red. Consult factory for other colors

### INDUSTRY LISTINGS & STANDARDS

UL 83, 1581

VW-1 Flame test designation on all sizes

NEMA WC-5/ICEA S-61-402

Caltrans 86-2.08

90°C wet or dry

Sunlight Resistant - SR

Oil Resistant II - GR11

CT use 1/0 AWG and larger

RoHS Compliant



### 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	.131	19	12.69
514S	14	Solid	30	.124	18	12.43
512	12	7	30	.151	27	20.16
512S	12	Solid	30	.141	26	19.76
510	10	7	30	.174	41	32.05
510S	10	Solid	30	.162	39	31.43
508	8	7	45	.234	68	51.00
508S	8	Solid	45	.218	57	50.20
506	6	7	60	.301	112	81.00
504	4	7	60	.349	166	128.90
502	2	7	60	.409	248	204.90
501	1	19	80	.492	325	258.00
5010	1/0	19	80	.530	400	326.00
5020	2/0	19	80	.575	493	411.00
5030	3/0	19	80	.625	608	518.00
5040	4/0	19	80	.685	752	653.00
50250	250 MCM	37	95	.763	908	772.00
50300	300 MCM	37	95	.820	1075	926.00
50350	350 MCM	37	95	.867	1244	1081.00
50400	400 MCM	37	95	.918	1411	1235.00
50500	500 MCM	37	95	.999	1741	1544.00
50600	600 MCM	61	110	1.107	2108	1853.00
50750	750 MCM	61	110	1.218	2599	2309.00

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. Rev IC0515

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