

PVC Insulated

14 - 8 AWG • 600 Volts • 90°C Dry and Wet



— Bare Copper

— PVC Insulation



Cable Identification

“Advanced Digital Cable Inc. “XX” AWG 600V
90C (UL) Type THW E208489”

Description

ADC's THW 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-3 and B-8.

Insulation: Polyvinyl chloride conforming to UL 1581

Industry Listings & Standards

UL 83

UL 1581

NEMA WC-5/ICEA S-61-402

90°C wet or dry

Sunlight Resistant

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'
514C	14	7	45	.163	22.5	12.69
514SC	14	Solid	45	.154	21.3	12.43
512C	12	7	45	.182	31.8	20.16
512SC	12	Solid	45	.171	30.03	19.76
510C	10	7	45	.206	45.9	32.05
510SC	10	Solid	45	.192	43.5	31.43
508C	8	7	45	.236	67.87	51.00
508SC	8	Solid	45	.218	64.24	49.97
506C	6	7	60	.304	109.6	81.00
504C	4	7	60	.352	163.98	128.90
502C	2	7	60	.412	248.66	204.90
501C	1	19	80	.492	324.67	258.00
5010C	1/0	19	80	.533	400.42	326.00
5020C	2/0	19	80	.579	494.48	411.00
5030C	3/0	19	80	.630	612	518.00
5040C	4/0	19	80	.688	759	653.00
50250C	250 MCM	37	95	.765	910	772.00
50300C	300 MCM	37	95	.820	1079	926.00
50350C	350 MCM	37	95	.871	1247	1081.00
50400C	400 MCM	37	95	.918	1413	1235.00
50500C	500 MCM	37	95	1.003	1747	1544.00
50600C	600 MCM	61	110	1.113	2108	1853.00
50750C	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.