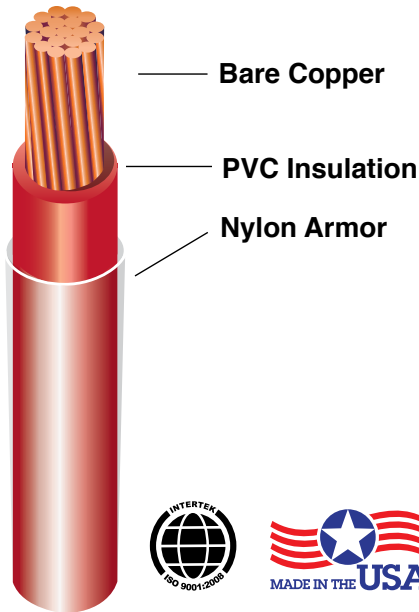


THHN/THWN-2 - BUILDING WIRE

PVC/Nylon Insulated

18 - 2 AWG • 600 Volts • 90°C Dry and 75°C Wet



DESCRIPTION

ADC's THHN is a single conductor PVC Insulated with a Nylon Jacket.

APPLICATIONS

Appropriate for use conduit and cable trays for general purpose wiring, lighting and power - residential, commercial, and industrial buildings.

CONSTRUCTION

Stranded bare copper conductor per ASTM B-3, B-8. Available in 7 or 19 stranded versions as well as tinned copper.

18-16 AWG Thickness per UL66 Table 4.7 14 AWG and larger per UL83 Table 10 PVC with Nylon Armor

Black, Green, White, Red, Brown, Orange, Yellow. Consult factory for other colors. Print on one side with a contrasting ink. An extruded stripe and other colors are available upon request.

INDUSTRY LISTINGS & STANDARDS

UL Listed per Standard Subject 83 and 66

90°C Rated MTW 1063

Gasoline and Oil Resistant II - GRII

RoHS Compliant



CABLE IDENTIFICATION

18-16 AWG Solid

"ADVANCED DIGITAL CABLE, INC. XX AWG TFN (UL) 600V 90C VW-1 GRII OR AWM STYLE 1316 105C E195596"

18-16 AWG Stranded

"ADVANCED DIGITAL CABLE, INC. XX AWG TFFN (UL) 600V 90C VW-1 GRII OR MTW AWM STYLE 1316 105C E195596"

14-10 AWG Solid

"ADVANCED DIGITAL CABLE, INC. 14 AWG THHN/THWN-2 (UL) 600V 90C VW-1 GRII E208489"

14-2 AWG Stranded

"ADVANCED DIGITAL CABLE, INC. 14 AWG THHN/THWN-2 (UL) 600V 90C VW-1 GRII OR MTW E208489"

Cable Data

Part Number	AWG	Strand	Insulation Thickness (mils)	Jacket Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight lbs/1M'	Copper Weight per lbs/1M'
418	18	7	15	5	.086	7.5	5.0
418S	18	Solid	15	5	.080	7	4.94
416	16	7	15	5	.097	11	8.04
416S	16	Solid	15	5	.091	10	7.85
414	14	19	15	5	.111	16	12.64
414S	14	Solid	15	5	.104	15	12.49
412	12	19	15	5	.130	25	20.02
412S	12	Solid	15	5	.121	23	19.86
410	10	19	20	5	.167	39	32.03
408	8	19	30	5	.213	64	50.90
406	6	19	30	5	.256	97	81.00
404	4	19	40	6	.327	155	128.66
403	3	19	40	6	.355	191	162.50
402	2	19	40	6	.388	238	204.90

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 IC0620

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BUILDING WIRE

