

## VNTC - PVC/Nylon Insulation - PVC Jacket - 16 AWG

PVC Jacket  
 PVC/Nylon Insulation  
 90°C - 600 Volt - UL Type TC-ER\*  
 16 AWG  
 E-2 Color Code



\*Product images are for illustrative purposes only and may differ from the actual product.

### Category Conductor Description:

- Fully annealed stranded bare copper per ASTM B3 Class B stranding per ASTM B8

### Category Insulation Description:

- Flame-retardant Polyvinyl Chloride (PVC) with clear Polyamide (nylon)

### Category Jacket Description:

- Lead-free, flame-retardant, sunlight-resistant Polyvinyl Chloride (PVC)

### Applications:

- In free air, raceways, and direct burial
- In wet or dry locations
- Approved for direct burial
- Class 1, Division 2 industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC for 3 or more conductors

### Standards:

- RoHS compliant
- IEEE 1202
- UL 83 NEC Type THHN/THWN conductors
- UL 1581
- \*UL 1277 Type TC-ER for 3 or more conductors
- Rated for UV/Sunlight Resistant applications

Color Code Chart			
Cond #	Color	Cond #	Color
1	Black	31	Brown/Yellow Stripe
2	Red	32	Black/Brown Stripe
3	Blue	33	Red/Brown Stripe
4	Orange	34	Blue/Brown Stripe

5	Yellow	35	Orange/Brown Stripe
6	Brown	36	Yellow/Brown Stripe
7	Red/Black Stripe	37	Black
8	Blue/Black Stripe	38	Red
9	Orange/Black Stripe	39	Blue
10	Yellow/Black Stripe	40	Orange
11	Brown/Black Stripe	41	Yellow
12	Black/Red Stripe	42	Brown
13	Blue/Red Stripe	43	Red/Black Stripe
14	Orange/Red Stripe	44	Blue/Black Stripe
15	Yellow/Red Stripe	45	Orange/Black Stripe
16	Brown/Red Stripe	46	Yellow/Black Stripe
17	Black/Blue Stripe	47	Brown/Black Stripe
18	Red/Blue Stripe	48	Black/Red Stripe
19	Orange/Blue Stripe	49	Blue/Red Stripe
20	Yellow/Blue Stripe	50	Orange/Red Stripe
21	Brown/Blue Stripe	51	Yellow/Red Stripe
22	Black/Orange Stripe	52	Brown/Red Stripe
23	Red/Orange Stripe	53	Black/Blue Stripe
24	Blue/Orange Stripe	54	Red/Blue Stripe
25	Yellow/Orange Stripe	55	Orange/Blue Stripe
26	Brown/Orange Stripe	56	Yellow/Blue Stripe
27	Black/Yellow Stripe	57	Brown/Blue Stripe
28	Red/Yellow Stripe	58	Black/Orange Stripe
29	Blue/Yellow Stripe	59	Red/Orange Stripe
30	Orange/Yellow Stripe	60	Blue/Orange Stripe

**Part Number Table**

<b>Part#</b>	<b>Gauge</b>	<b>Conductors</b>	<b>Jacket Thickness</b>	<b>Outside Diameter Inches</b>	<b>Material Weight (Lbs./M')</b>
A11602F	16	2 Flat	0.045	.2000 x .3100	43
A11602R	16	2	0.045	0.3	48
A11603	16	3	0.045	0.315	57
A11604	16	4	0.045	0.34	71
A11605	16	5	0.045	0.37	86
A11606	16	6	0.045	0.39	98
A11607	16	7	0.045	0.4	109
A11609	16	9	0.045	0.46	140
A11610	16	10	0.045	0.495	153
A11612	16	12	0.045	0.505	177
A11615	16	15	0.06	0.605	228
A11616	16	16	0.06	0.594	248
A11619	16	19	0.06	0.635	283
A11620	16	20	0.06	0.64	301
A11625	16	25	0.06	0.705	363
A11630	16	30	0.06	0.76	427
A11637	16	37	0.08	0.88	536
A11650	16	50	0.08	0.98	707

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances. \*ER Rating only applies to 3 conductors or more; A11602F has a flat construction.

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