

## VNTC - PVC/Nylon Insulation – PVC Jacket – 12 AWG

PVC Jacket  
 PVC/Nylon Insulation  
 90°C - 600 Volt - UL Type TC-ER\*  
 12 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 Resistance

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

Part#	Gauge	Conductors	Jacket Thickness	Outside Diameter Inches	Material Weight (Lbs./M')
A11202F	12	2 Flat	0.045	.2250 x .3600	75
A11202R	12	2	0.045	0.355	80
A11203	12	3	0.045	0.385	109
A11204	12	4	0.045	0.42	132
A11205	12	5	0.045	0.445	163
A11206	12	6	0.045	0.488	192
A11207	12	7	0.045	0.49	218
A11209	12	9	0.06	0.605	293
A11210	12	10	0.06	0.665	325
A11212	12	12	0.06	0.675	374
A11215	12	15	0.06	0.765	475
A11216	12	16	0.06	0.742	497
A11219	12	19	0.06	0.785	561
A11220	12	20	0.08	0.806	620
A11225	12	25	0.08	0.94	775
A11230	12	30	0.08	1.03	921
A11237	12	37	0.08	1.105	1109

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances. \*ER Rating only applies to 3 conductors or more; A11202F has a flat construction.

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