

VNTC - PVC/Nylon Insulation – PVC Jacket – 18 AWG

VNTC® - PVC Jacket
 90°C - 600 Volt - UL Type TC
 ER Rated*



*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')
A11802F	18	2 Flat	0.045	0.285	34
A11802R	18	2	0.045	0.27	36
A11803	18	3	0.045	0.285	44
A11804	18	4	0.045	0.31	54
A11805	18	5	0.045	0.335	64
A11807	18	7	0.045	0.36	83
A11809	18	9	0.045	0.42	105
A11810	18	10	0.045	0.425	114
A11812	18	12	0.045	0.445	132
A11815	18	15	0.045	0.485	171
A11819	18	19	0.06	0.57	205
A11825	18	25	0.06	0.655	275
A11830	18	30	0.06	0.695	310
A11837	18	37	0.06	0.745	379

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances. *ER Rating only applies to 3 conductors or more; A11802F has a flat construction.

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