

VNTC - PVC / Nylon Insulation - PVC Jacket - Shielded - 12 AWG & 10 AWG

PVC Jacket
PVC/Nylon Insulation
90°C - 600 Volt - UL Type TC-ER*
12 AWG & 10 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

Shield:

- Aluminum/polymer tape

Category Jacket Description:

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

Standards:

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

Category Insulation Description:

- Flame-retardant Polyvinyl Chloride (PVC) with nylon

Drain Wire:

- Stranded, tinned copper

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

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')
A21202	12	2	0.045	0.37	88
A21203	12	3	0.045	0.39	115
A21204	12	4	0.045	0.42	145
A21205	12	5	0.045	0.46	180
A21207	12	7	0.045	0.5	232
A21209	12	9	0.06	0.614	313
A21212	12	12	0.06	0.683	406
A21219	12	19	0.06	0.8	568
A21225	12	25	0.08	0.958	790
A21237	12	37	0.08	1.1	1100
A21002	10	2	0.045	0.43	124
A21003	10	3	0.045	0.46	170
A21004	10	4	0.045	0.5	211
A21005	10	5	0.06	0.574	290
A21012	10	12	0.08	0.82	580

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

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