

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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