

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

PVC Jacket
PVC/Nylon Insulation
90°C - 600 Volt - UL Type TC-ER*
18 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 66 NEC Type TFN conductors
- IEEE 1202 RoHS compliant
- * UL 1277 Type TC-ER for 3 or more conductors
- Rated for UV/Sunlight Resistance

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

Part Number Table						
Part#	Houston Wire & Cable	Gauge	Conductors	Jacket Thickness	Outside Diameter Inches	Material Weight (Lbs./M')
A21802	HW152.pdf	18	2	0.045	0.28	40
A21803	HW152.pdf	18	3	0.045	0.29	50
A21804	HW152.pdf	18	4	0.045	0.31	58
A21805	HW152 01805	18	5	0.045	0.34	71
A21806	HW152.pdf	18	6	0.045	0.37	82
A21807	HW152 01807	18	7	0.045	0.37	89
A21808	HW152.pdf	18	8	0.045	0.404	100
A21809	HW152 01809	18	9	0.045	0.433	110
A21810	HW152 01810	18	10	0.045	0.46	126
A21812	HW152.pdf	18	12	0.045	0.48	138
A21819	HW152.pdf	18	19	0.06	0.586	217
A21825	HW152 01825	18	25	0.06	0.67	282
A21837	HW152 01837	18	37	0.06	0.766	391

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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