

TRAY CABLE

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



CONSTRUCTION	
Conductor	<ul style="list-style-type: none"> Stranded bare copper Class B per UL 83
Insulation	<ul style="list-style-type: none"> Extruded polyvinyl chloride to UL requirements for Class THHN and THWN insulation, which with nylon jacket is approved for Type THHN and THWN wires per UL 83 14 & 12 AWG - Insulation thickness .015", Nylon thickness .004" 10 AWG - Insulation thickness .020", Nylon thickness .005"
Assembly	<ul style="list-style-type: none"> The conductors are cabled with fillers where needed to make a round compact core and a suitable tape is applied over the construction
Jacket	<ul style="list-style-type: none"> Black sunlight resistant, flame retardant polyvinyl chloride per UL 1277 requirements for Type TC power and control cables ripcord

Applications:

- Control circuits for operation and interconnection of protective and signaling devices, and for general use in manufacturing, industrial and commercial distribution systems
- UL listed and labeled for installation in ladders, troughs, channels, solid bottom trays and other similar structures (NEC Articles 318 and 340), and in duct, conduit, wireways and all other installations approved for building wire
- In hazardous locations per NEC Articles 500 and 501. May be used in wet or dry locations, sunlight resistant, and suitable for direct burial

Standards:

- UL Type TC, 600 Volt
- NEC Type TFN Conductors
- IEEE 1202 available upon request
- UL Subject 1277 (70,000 BTU/hr)
- OSHA Acceptable
- Extended Run Rated

Part #	AWG	Conductors	Jacket Thickness	Nom. O.D.	Lbs./M'
A11002F	10	2	.045"	.280 x .430"	111
A11002R	10	2	.045"	.420"	109
A11003	10	3	.045"	.450"	171
A11004	10	4	.045"	.505"	212
A11005	10	5	.060"	.570"	265
A11007	10	7	.060"	.620"	350
A11009	10	9	.060"	.725"	445
A11012	10	12	.080"	.815"	580
A11016	10	16	.080"	.975"	817
A11019	10	19	.080"	.987"	910
A11025	10	25	.060"	1.18"	1192
A11037	10	37	.060"	1.33"	1192

*Fittings are available for these products.

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances.

*ER Rating only applies to 3 conductors or more

COLOR CODE CHART	
Cond. #	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow
6	Brown
7	Red/Black Stripe
8	Blue/Black Stripe
9	Orange/Black Stripe
10	Yellow/Black Stripe
11	Brown/Black Stripe
12	Black/Red Stripe
13	Blue/Red Stripe
14	Orange/Red Stripe
15	Yellow/Red Stripe
16	Brown/Red Stripe
17	Black/Blue Stripe
18	Red/Blue Stripe
19	Orange/Blue Stripe
20	Yellow/Blue Stripe
21	Brown/Blue Stripe
22	Black/Orange Stripe
23	Red/Orange Stripe
24	Blue/Orange Stripe
25	Yellow/Orange Stripe
26	Brown/Orange Stripe
27	Black/Yellow Stripe
28	Red/Yellow Stripe
29	Blue/Yellow Stripe
30	Orange/Yellow Stripe
31	Brown/Yellow Stripe
32	Black/Brown Stripe
33	Red/Brown Stripe
34	Blue/Brown Stripe
35	Orange/Brown Stripe
36	Yellow/Brown Stripe
37	Black