

TRAY CABLE

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



Conductor:
 - Stranded bare copper Class B per UL 83

Insulation:
 - 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:
 - The conductors are cabled with fillers where needed to make a round compact core and a suitable tape is applied over the construction

Jacket:
 - Black sunlight resistant, flame retardant polyvinyl chloride per UL 1277 requirements for Type TC power and control cables

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 190 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 (70,000 BTU/hr) / CSA FT4
 - IEEE 383 (70,000 BTU/hr)
 - UL Subject 1277 (70,000 BTU/hr)
 - OSHA Acceptable
 - Extended Run Rated

Part #	AWG Size	No. of Cond.	Nom. Jacket Thick.	Nom. O.D.	Lbs./M'	Chart Reference	Recommended Fitting
A11202F*	12	2	.045"	.260" x .360"	83	Chart 107	-
A11202R*	12	2	.045"	.355"	85	Chart 107	-
A11203	12	3	.045"	.385"	110	Chart 107	TCF07540A
A11204	12	4	.045"	.420"	138	Chart 107	TCF05054A
A11205	12	5	.045"	.445"	165	Chart 107	TCF05054A
A11206	12	6	.045"	.495"	195	Chart 107	TCF05054A
A11207	12	7	.045"	.500"	217	Chart 107	TCF05054A
A11209	12	9	.060"	.615"	297	Chart 107	TCF05067A
A11210	12	10	.060"	.665"	325	Chart 107	TCF05067A
A11212	12	12	.060"	.685"	377	Chart 107	TCF07578A
A11215	12	15	.060"	.765"	475	Chart 107	TCF07578A
A11216	12	16	.060"	.765"	490	Chart 107	TCF07578A
A11219	12	19	.060"	.800"	568	Chart 107	TCF10088A
A11220	12	20	.080"	.895"	645	Chart 107	TCF100100A
A11225	12	25	.080"	.985"	775	Chart 107	TCF100100A
A11230	12	30	.080"	1.04"	913	Chart 107	TCF100109A
A11237	12	37	.080"	1.12"	1100	Chart 107	-

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 106:

Cond. Num.	Color	Cond. Num.	Color
1	Black	2	White
3	Red	4	Green

Color Code Chart 107:

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