

TRAY CABLE

VNTC®* - PVC Jacket
90°C - 600 Volt - UL Type TC



CONSTRUCTION	
Conductor:	- Stranded bare copper Class B per UL 62
Insulation:	- Extruded polyvinyl chloride to UL requirements for Class TFN insulation, which with nylon jacket is approved for Type TFN wires per UL 62 - Insulation Thickness: .015" - Nylon Thickness: .004"
Assembly:	- The conductors are cables with fillers where needed to make a round compact core and a suitable tape (when required) is applied over the construction
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 38 Red 39 Blue 40 Orange 41 Yellow 42 Brown 43 Red w/ Black Stripe 44 Blue w/ Black Stripe 45 Orange w/ Black Stripe 46 Yellow w/ Black Stripe 47 Brown w/ Black Stripe 48 Black w/ Red Stripe 49 Blue w/ Red Stripe 50 Orange w/ Red Stripe
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 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 (70,000 BTU/hr) / CSA FT4

IEEE 383 (70,000 BTU/hr)

UL Subject 1277 (70,000 BTU/hr)

OSHA Acceptable

Part #	AWG Size	No. of Cond.	Nom. Jacket Thick.	Nom. O.D.	Lbs./M'''	Recommended Fitting
A11602F	16	2	.045"	.200" x .310"	48	
A11602R	16	2	.045"	.300"	50	TCF07540A
A11603	16	3	.045"	.315"	60	TCF07540A
A11604	16	4	.045"	.340"	74	TCF07540A
A11605	16	5	.045"	.370"	97	TCF07540A
A11606	16	6	.045"	.390"	100	TCF07540A
A11607	16	7	.045"	.400"	111	TCF07540A
A11609	16	9	.045"	.460"	141	TCF05054A
A11610	16	10	.045"	.500"	154	TCF05054A
A11612	16	12	.045"	.515"	178	TCF05054A
A11615	16	15	.060"	.605"	239	TCF05067A
A11616	16	16	.060"	.594"	248	TCF07567A
A11619	16	19	.060"	.635"	284	TCF07567A
A11620	16	20	.060"	.700"	297	TCF07578A
A11625	16	25	.060"	.735"	364	TCF07578A
A11630	16	30	.060"	.775"	426	TCF07578A
A11637	16	37	.080"	.880"	548	TCF10088A
A11650	16	50	.080"	1.03"	730	TCF100109A

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