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## VNTC TRAY CABLE— 2 CONDUCTOR , 8 - 750MCM TYPE TC , SUNLIGHT RESISTANT, DIRECT BURIAL THHN CONDUCTORS, WITHOUT GROUND, PVC JACKET, 600VOLTS

### CONSTRUCTION:

**CONDUCTOR** CLASS B STRANDED BARE COPPER PER ASTM B-3.

**INSULATION** POLYVINYLCHLORIDE WITH NYLON JACKET TYPE THHN/THWN PER UL 83 (GASOLINE AND OIL RESISTANT)

**CONDUCTOR IDENTIFICATION** INSULATED CONDUCTORS COLOR CODED PER ICEA METHOD 4 (BLACK CONDUCTORS WITH PRINTED NUMBERS).

**ASSEMBLY** CONDUCTORS CABLED TOGETHER WITH CABLE TAPE.

**OVERALL JACKET** SUNLIGHT RESISTANT, FLAME RETARDANT, BLACK PVC PER UL 1277, WHICH PROTECTS AGAINST HEAT, FLAME, CHEMICALS, MOISTURE, AND MECHANICAL DAMAGE.

Charlotte Wire Part#	2 Cond'r Cable Size	Number of Strands	Insulation Thickness (in.)		Jacket Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
			PVC	Nylon			
CW02336	8	7	.030"	.005"	.060"	.59"	215
CW02337	6	7	.030"	.005"	.060"	.65"	300
CW02338	4	7	.040"	.006"	.060"	.82"	455
CW02339	2	7	.040"	.006"	.080"	.97"	675
CW02340	1	19	.050"	.007"	.080"	1.10"	872
CW02341	1/0	19	.050"	.007"	.080"	1.17"	1035
CW02342	2/0	19	.050"	.007"	.080"	1.23"	1260
CW02343	3/0	19	.050"	.007"	.080"	1.39"	1515
CW02344	4/0	19	.050"	.007"	.080"	1.50"	1850
CW02345	250MCM	37	.060"	.008"	.080"	1.65"	2215
CW02346	350MCM	37	.060"	.008"	.110"	1.90"	3030
CW02347	500MCM	37	.060"	.008"	.110"	2.16"	4250
CW02348	600MCM	61	.070"	.009"	.110"	2.41"	5100
CW02349	750MCM	61	.070"	.009"	.110"	2.67"	6290

### APPLICATION:

Power circuits rated 600Volts, 90Degrees C in dry locations and 75Degrees C in wet locations. Per NEC Articles 336 and 392, approved for installation in  
 1) raceways and cable tray systems including ladders, troughs, channels, solid bottom trays, and other similar structures,  
 2) aerial locations where supported by a messenger wire, and  
 3) hazardous locations per Art.501 Class 1 Division 2.

### STANDARDS:

UL Standard 1277 for Type TC Cables.  
 Passes UL and IEEE383 70,000BTU Flame Test.  
 UL Standard 83 for THHN Conductors.  
 NEC Articles 336 and 392 for Tray Cable uses and constructions.