

## **APPLICATION:**

General purpose cable for use in primary power and feeder circuits in a broad range of commercial and industrial applications. Approved for installation indoors or outdoors aerially, in conduits, ducts, cable trays, or direct burial in circuits not exceeding 600 volts. May be used in NEC Class I and II, Division 2 hazardous locations. UL approved for use in continuous operation at 90°C in wet and dry locations, 105°C for short circuit conditions.

## **CONDUCTORS:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

## **INSULATION:**

Flame-retardant PVC per UL Standard 83 for Type THHN or THWN wire

## **INSULATION JACKET:**

Flame-retardant PVC per UL Standard 83 for Type THHN or THWN wire

## **GROUNDING CONDUCTOR:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8 sized in accordance with UL Standard 1277

## **JACKET:**

Sunlight-resistant PVC per UL Standard 1277

## **COLOR CODE:**

ICEA Method 1 (Table E-2)

## **FLAME TEST:**

IEEE 1202/FT4 70,000 BTU/hour flame test

## **ADDITIONAL STANDARDS:**

- UL Type TC per Article 336 of the NEC | UL Type TC-ER Rated for Exposed Run
- Cold Temperature Rated at -40°C
- Cold Bend -25°C

DWC Part No.	Conductor Size (AWG)	No. of Conductors	No. of Strands	Insulation Thickness		Jacket Thickness		Overall Diameter (approx.)	
				mm	inch	mm	inch	mm	inch
1802NVTCFLT	18	2	26	0.38	0.015	1.14	0.045	7.1×10.2	0.18×0.26
1602VNTCFLT	16	2	41	0.38	0.015	1.14	0.045	5.0×7.5	0.19×0.29
1402VNTCFLT	14	2	7	0.38	0.015	1.14	0.045	5.4×8.2	0.21×0.32
1202VNTCFLT	12	2	7	0.38	0.015	1.14	0.045	5.8×9.1	0.23×0.35
1002VNTCFLT	10	2	7	0.38	0.015	1.14	0.045	6.7×10.8	0.26×0.42

*Product details and specifications are subject to manufacturing variations and accepted industry tolerances. Please contact your DWC Account Manager with questions or to confirm specific product requirements.*