

STANDARD SPECIFICATIONS

REFERENCE: ICEA S-95-658 (NEMA WC 70).

CONDUCTOR: Concentric-lay, uncoated copper; strand Class B. Normal maximum operating temperature 90°C.

INSULATION: Cross-linked thermosetting polyethylene, ICEA S-95-658, Paragraph 3.6.

SHIELD: None.

JACKET: None.

FACTORY TESTS: Cable shall meet the requirements of ICEA S-95-658, UL and IEEE Standard 383 ribbon burner flame tests.

Cable Details

Size		Number of Strands	Conductor Insulation Thickness *		Maximum Outside Diameter	
AWG or mcm	mm ²		in.	µm	in.	mm
250	120	37	0.065	1650	0.72	18.29
350	185	37	0.065	1650	0.83	21.08
500	240	37	0.065	1650	0.95	24.13
750	400	61	0.080	2030	1.17	29.72
1000	500	61	0.080	2030	1.35	34.29

*The average thickness shall be not less than indicated above. The minimum thickness shall be not less than 90 percent of the values indicated above.

A durable marking shall be provided on the surface of the cable at intervals not exceeding 24 inches (600 mm). Marking shall include manufacturer's name, VW-1, XHHW, Type TC, conductor size, and voltage class.

C						600 Volt, Single Conductor Power Tray Cable (600-1-VW-1-NONE-XHHW-TC)	CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT ENGINEERING DIVISION
B							
A							
	DESCRIPTION	DRW	CKD	APP	DATE		
REVISIONS							
DRAWN BY: B & V						SCALE: NONE	SHEET 1 OF 1
CHECKED BY: S.D.A.							16050-12
APPROVED:							DWG No.