

**THW**

**75°C**

**600 Volts**

**UL - 83**

**Application:** Used for Lighting and Power in Residential, Commercial or Industrial Buildings for Circuits not exceeding 600 Volts.

**Specification : UL - 83**

**Construction:**

Conductor	Plain Copper as per ASTM B3, stranded to Class B as per ASTM B8
Insulation	Polyvinyl Chloride meets the performance requirement of UL-83
Printing Text	<b>THW # 10 AWG (UL) E 173234 600 V MESC YEAR</b>

MESC CODE	SIZE	STRANDS.	INSULATION THICKNESS	APPROX. O.D.	APPROX. WEIGHT	AMPACITY *
	AWG/MCM	NO. x mm	mm	mm.	Kg/Km	CONDUCTOR
6711-01C14AWG-U0BK1-00	14	7	1.14	4.2	35	20
6711-01C12AWG-U0BK1-00	12	7	1.14	4.7	49	25
6711-01C10AWG-U0BK1-00	10	7	1.14	5.3	71	35 †
6711-01C08AWG-U0BK1-00	8	7	1.52	6.9	125	50
6711-01C06AWG-U0BK1-00	6	7	1.52	7.9	174	65
6711-01C02AWG-U0BK1-00	2	7	1.52	10.6	378	115
6711-01C01AWG-U0BK8-00	1	19	2.03	12.7	505	130
6711-01C1/0AW-U0BK8-00	1/0	19	2.03	13.7	614	150
6711-01C2/0AW-U0BK8-00	2/0	19	2.03	14.9	761	175
6711-01C3/0AW-U0BK8-00	3/0	19	2.03	16.2	911	200
6711-01C4/0AW-U0BK8-00	4/0	19	2.03	17.7	1158	230
6711-01C250MC-U0BK8-00	250	37	2.41	19.7	1383	255
6711-01C300MC-U0BK8-00	300	37	2.41	21.1	1636	285

\* Based NEC article 310. Not more than three conductors in raceway or cable or earth (Directly Buried) Based on Ambient Temperature of 30°C

† Unless otherwise specifically permitted in the NEC, the over current protection for conductor shall not exceed 15 ampere for 14 AWG, 20 ampere for No. 12 AWG and 30 ampere for NO. 10 AWG after correction factors for ambient temperature and number of conductors have been applied.

Packing: Up to 2 AWG shrunk wrapped coils of 100 yards. For 1 AWG and above wooden drums of 500/1000 meter.

For other colour than Black, please replace BK in the code by 'BL' for Blue, 'BN' for brown, 'GN' for Green, 'GY' for Grey, 'OR' for Orange, 'PK' for Pink, 'RD' for Red, 'TR' for Turquoise, 'VT' for Violet, 'WT' for White, 'YG' for Green/Yellow, YN for Yellow/Green and 'YL' for Yellow.