



IPC-TM-650 TEST METHODS MANUAL

1 Scope This test method describes the procedure for temperature testing of flat cable.

2 Applicable Documents None

3 Test Specimen

3.1 The number of production samples and length should be determined by the manufacturer and/or user and shall be a minimum of one specimen and a minimum length of 3 m.

4 Equipment/Apparatus

4.1 Forced convection test chamber(s) capable of being maintained at the specimen rated high and low temperatures

Number 2.6.12	
Subject Temperature Testing, Flexible Flat Cable	
Date 6/79	Revision
Originating Task Group	

5 Procedure

5.1 The specimen shall be placed in a forced convection oven at the elevated temperature. After four hours of exposure, the specimen shall be placed in a test chamber at the low rated temperature (the transfer time shall be a maximum of five minutes between temperature extremes). The specimen shall be removed from the cold chamber and allowed to stabilize at room temperature.

5.2 The procedure in 5.1 constitutes one cycle. The specimen shall be subjected to 12 cycles.

5.3 Evaluation There shall be no cracking of the specific cable.