



The format of a block in mode 3 is as follows:

1. The 3-bit header 010 or 110.
2. A 5-bit parameter HLIT indicating the number of codes in the literal length code table. This table has codes 0–255 for the literals, code 256 for end-of-block, and the 29 codes 257–285 for the lengths. Some of the 29 length codes may be missing, so this parameter indicates how many of the length codes actually exist in the table.
3. A 5-bit parameter HDIST indicating the size of the code table for distances. There are 30 codes in this table, but some may be missing.
4. A 4-bit parameter HCLEN indicating the number of CCLs (there may be between 4 and 19 CCLs).
5. A sequence of HCLEN + 4 CCLs, each a 3-bit number.
6. A SSQ of HLIT + 257 + HDIST + 1 CLs for the literal length code table and the distance code table compressed as explained earlier, special flags 16, 17 and 18 are directly followed by their repetition factor written respectively as 2, 3, and 7-bit numbers.
7. The compressed data, encoded with the two prefix-code tables.
8. The end-of-block code (the prefix code of edoc 256).