

Table C.7 Maximum Number of Conductors or Fixture Wires in Liquidtight Flexible Metal Conduit (LFMC) (Based on Table 1, Chapter 9)

| CONDUCTORS | | | | | | | | | | | |
|-----------------------------------------------------|----------------------------|--------------------------------|--------|--------|---------|---------|--------|---------|--------|---------|---------|
| Type | Conductor Size (AWG/kcmil) | Metric Designator (Trade Size) | | | | | | | | | |
| | | 16 (½) | 21 (¾) | 27 (1) | 35 (1¼) | 41 (1½) | 53 (2) | 63 (2½) | 78 (3) | 91 (3½) | 103 (4) |
| RHH, RHW, RHW-2 | 14 | 4 | 7 | 12 | 21 | 27 | 44 | 66 | 102 | 133 | 173 |
| | 12 | 3 | 6 | 10 | 17 | 22 | 36 | 55 | 84 | 110 | 144 |
| | 10 | 3 | 5 | 8 | 14 | 18 | 29 | 44 | 68 | 89 | 116 |
| | 8 | 1 | 2 | 4 | 7 | 9 | 15 | 23 | 36 | 46 | 61 |
| | 6 | 1 | 1 | 3 | 6 | 7 | 12 | 18 | 28 | 37 | 48 |
| | 4 | 1 | 1 | 2 | 4 | 6 | 9 | 14 | 22 | 29 | 38 |
| | 3 | 1 | 1 | 1 | 4 | 5 | 8 | 13 | 19 | 25 | 33 |
| | 2 | 1 | 1 | 1 | 3 | 4 | 7 | 11 | 17 | 22 | 29 |
| | 1 | 0 | 1 | 1 | 1 | 3 | 5 | 7 | 11 | 14 | 19 |
| | 1/0 | 0 | 1 | 1 | 1 | 2 | 4 | 6 | 10 | 13 | 16 |
| | 2/0 | 0 | 1 | 1 | 1 | 1 | 3 | 5 | 8 | 11 | 14 |
| | 3/0 | 0 | 0 | 1 | 1 | 1 | 3 | 4 | 7 | 9 | 12 |
| | 4/0 | 0 | 0 | 1 | 1 | 1 | 2 | 4 | 6 | 8 | 10 |
| | 250 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 4 | 6 | 8 |
| | 300 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 4 | 5 | 7 |
| | 350 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | 5 | 6 |
| | 400 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 4 | 6 |
| | 500 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 4 | 5 |
| | 600 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | 4 |
| | 700 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 |
| 750 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | |
| 800 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | |
| 900 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | |
| 1000 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | |
| 1250 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | |
| 1500 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | |
| 1750 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | |
| 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | |
| TW | 14 | 9 | 15 | 25 | 44 | 57 | 93 | 140 | 215 | 280 | 365 |
| | 12 | 7 | 12 | 19 | 33 | 43 | 71 | 108 | 165 | 215 | 280 |
| | 10 | 5 | 9 | 14 | 25 | 32 | 53 | 80 | 123 | 160 | 209 |
| | 8 | 3 | 5 | 8 | 14 | 18 | 29 | 44 | 68 | 89 | 116 |
| RHH*, RHW*, RHW-2*, THHW, THW, THW-2 | 14 | 6 | 10 | 16 | 29 | 38 | 62 | 93 | 143 | 186 | 243 |
| | 12 | 5 | 8 | 13 | 23 | 30 | 50 | 75 | 115 | 149 | 195 |
| | 10 | 3 | 6 | 10 | 18 | 23 | 39 | 58 | 89 | 117 | 152 |
| RHH*, RHW*, RHW-2*, THHW, THW, THW-2 | 8 | 1 | 4 | 6 | 11 | 14 | 23 | 35 | 53 | 70 | 91 |