









































## Metal Electrical Box Wire Capacity

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| Picture  | Size - Inches   | Shape     | Clamps | Studs    | Device | Volume | Maximum # of Wires |      |      |     |     |
|--|-----------------|-----------|--------|----------|--------|--------|--------------------|------|------|-----|-----|
|  |                 |           |        | 3/8" NPT |        |        | # 14               | # 12 | # 10 | # 8 | # 6 |
|    | 3 1/4 X 1 1/2   | Octagonal |        |          |        | 10.9   | 5                  | 4    | 4    | 3   |     |
|    | 4 X 1 1/2       | Octagonal |        |          |        | 15.5   | 7                  | 6    | 6    | 5   | 3   |
|    | 4 X 1 1/2       | Octagonal | Yes    |          |        | 15.5   | 6                  | 5    | 5    | 4   | 2   |
|    | 4 X 1 1/2       | Octagonal | Yes    | Yes      |        | 15.5   | 5                  | 4    | 4    | 3   | 1   |
|    | 4 X 2 1/8       | Octagonal |        |          |        | 21.5   | 10                 | 9    | 8    | 7   | 4   |
|    | 4 X 2 1/8       | Octagonal | Yes    |          |        | 21.5   | 9                  | 8    | 7    | 6   | 3   |
|    | 4 X 2 1/8       | Octagonal | Yes    | Yes      |        | 21.5   | 8                  | 7    | 6    | 5   | 2   |
|    | 4 X 1 1/2       | Square    |        |          |        | 21     | 10                 | 9    | 8    | 7   | 4   |
|    | 4 X 1 1/2       | Square    | Yes    |          |        | 21     | 9                  | 8    | 7    | 6   | 3   |
|   | 4 X 2 1/8       | Square    |        |          |        | 30.3   | 15                 | 13   | 12   | 10  | 6   |
|  | 4 X 2 1/8       | Square    | Yes    |          |        | 30.3   | 14                 | 12   | 11   | 9   | 5   |
|  | 4 11/16 X 1 1/2 | Square    |        |          |        | 29.5   | 14                 | 13   | 11   | 9   | 5   |
|  | 4 11/16 X 2 1/8 | Square    |        |          |        | 42     | 21                 | 18   | 16   | 14  | 8   |
|  | 3 X 2 X 1 1/2   | Device    |        |          |        | 7.5    | 3                  | 3    | 3    | 2   | 1   |
|  | 3 X 2 X 1 1/2   | Device    | Yes    |          |        | 7.5    | 2                  | 2    | 2    | 1   | 0   |
|  | 3 X 2 X 1 1/2   | Device    | Yes    |          | Yes    | 7.5    | 0                  | 0    | 0    | 0   | 0   |
|  | 3 X 2 X 2       | Device    |        |          |        | 10     | 5                  | 4    | 4    | 3   | 2   |
|  | 3 X 2 X 2       | Device    | Yes    |          |        | 10     | 4                  | 3    | 3    | 2   | 1   |
|  | 3 X 2 X 2       | Device    | Yes    |          | Yes    | 10     | 2                  | 1    | 1    | 0   | 0   |
|  | 3 X 2 X 2 1/4   | Device    | Yes    |          |        | 10.5   | 4                  | 3    | 3    | 2   | 1   |
|  | 3 X 2 X 2 1/4   | Device    | Yes    |          | Yes    | 10.5   | 2                  | 1    | 1    | 0   | 0   |
|  | 3 X 2 X 2 1/2   | Device    |        |          |        | 12.5   | 6                  | 5    | 5    | 4   | 2   |

|  |                   |         |     |  |     |      |    |   |   |   |   |
|--|-------------------|---------|-----|--|-----|------|----|---|---|---|---|
|     | 3 X 2 X 2 1/2     | Device  | Yes |  |     | 12.5 | 5  | 4 | 4 | 3 | 1 |
|    | 3 X 2 X 2 1/2     | Device  | Yes |  | Yes | 12.5 | 3  | 2 | 2 | 1 | 0 |
|    | 3 X 2 X 2 3/4     | Device  |     |  |     | 14   | 7  | 6 | 5 | 4 | 2 |
|    | 3 X 2 X 2 3/4     | Device  | Yes |  |     | 14   | 6  | 5 | 4 | 3 | 1 |
|    | 3 X 2 X 2 3/4     | Device  | Yes |  | Yes | 14   | 4  | 3 | 2 | 1 | 0 |
|    | 3 X 2 X 3 1/2     | Device  |     |  |     | 18   | 9  | 8 | 7 | 6 | 3 |
|    | 3 X 2 X 3 1/2     | Device  | Yes |  |     | 18   | 8  | 7 | 6 | 5 | 2 |
|    | 3 X 2 X 3 1/2     | Device  | Yes |  | Yes | 18   | 6  | 5 | 4 | 3 | 0 |
|    | 4 X 2 1/8 X 1 1/2 | Handy   |     |  |     | 10.3 | 5  | 4 | 4 | 3 | 2 |
|    | 4 X 2 1/8 X 1 1/2 | Handy   |     |  | Yes | 10.3 | 3  | 2 | 2 | 1 | 0 |
|    | 4 X 2 1/8 X 1 7/8 | Handy   |     |  |     | 13   | 6  | 5 | 5 | 4 | 2 |
|   | 4 X 2 1/8 X 1 7/8 | Handy   |     |  | Yes | 13   | 4  | 3 | 3 | 2 | 0 |
|  | 4 X 2 1/8 X 2 1/8 | Handy   |     |  |     | 14.5 | 7  | 6 | 5 | 4 | 2 |
|  | 4 X 2 1/8 X 2 1/8 | Handy   |     |  | Yes | 14.5 | 5  | 4 | 3 | 2 | 0 |
|  | 3 3/4 X 2 X 2 1/2 | Masonry |     |  |     | 14   | 7  | 6 | 5 | 4 | 2 |
|  | 3 3/4 X 2 X 2 1/2 | Masonry |     |  | Yes | 14   | 5  | 4 | 3 | 2 | 0 |
|  | 3 3/4 X 2 X 3 1/2 | Masonry |     |  |     | 21   | 10 | 9 | 8 | 7 | 4 |
|  | 3 3/4 X 2 X 3 1/2 | Masonry |     |  | Yes | 21   | 8  | 7 | 6 | 5 | 2 |