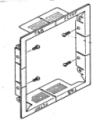


## Section 3 - Wire, Cable, Lugs, Terminations, Busway & Bus Duct

|                                                                                     | Description                                                                            | Rev | Normal | Difficult | Very Difficult | Company Experience | Unit |  |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----|--------|-----------|----------------|--------------------|------|--|
|    | <b>Wire Connectors (Wire Nuts)</b>                                                     |     |        |           |                |                    |      |  |
|                                                                                     | Orange Wire Connector                                                                  |     | 0.04   | 0.06      | 0.08           |                    | E    |  |
|                                                                                     | Yellow Wire Connector                                                                  |     | 0.05   | 0.07      | 0.09           |                    | E    |  |
|                                                                                     | Red Wire Connector                                                                     |     | 0.06   | 0.08      | 0.10           |                    | E    |  |
|                                                                                     | Gray Wire Connector                                                                    |     | 0.07   | 0.09      | 0.11           |                    | E    |  |
|                                                                                     | Blue Wire Connector                                                                    |     | 0.08   | 0.10      | 0.12           |                    | E    |  |
|    | <b>Crimp Terminations - Spade Type</b>                                                 |     |        |           |                |                    |      |  |
|                                                                                     | #22 to #18                                                                             |     | 0.08   | 0.10      | 0.12           |                    | E    |  |
|                                                                                     | #16 TO #14                                                                             |     | 0.10   | 0.13      | 0.15           |                    | E    |  |
|                                                                                     | #12 TO #10                                                                             |     | 0.12   | 0.15      | 0.18           |                    | E    |  |
|    | <b>Crimp Terminations - Ring Type</b>                                                  |     |        |           |                |                    |      |  |
|                                                                                     | #22 to # 18                                                                            |     | 0.10   | 0.13      | 0.15           |                    | E    |  |
|                                                                                     | #16 to #14                                                                             |     | 0.12   | 0.15      | 0.18           |                    | E    |  |
|                                                                                     | #12 to #10                                                                             |     | 0.14   | 0.17      | 0.21           |                    | E    |  |
|    | <b>Wire Identification</b>                                                             |     |        |           |                |                    |      |  |
|                                                                                     | Brady Marker - Per Digit                                                               |     | 0.02   | 0.03      | 0.04           |                    | E    |  |
|                                                                                     | Clear Wrap Tape                                                                        |     | 0.02   | 0.03      | 0.04           |                    | E    |  |
|                                                                                     | Machine Coded Sleeve                                                                   |     | 0.05   | 0.08      | 0.10           |                    | E    |  |
|                                                                                     | Phase Tape - Per Phase                                                                 |     | 0.02   | 0.03      | 0.04           |                    | E    |  |
|                                                                                     | Feeder Designation Tag                                                                 |     | 0.10   | 0.15      | 0.20           |                    | E    |  |
|    | <b>Terminal Blocks - Excludes Terminations</b>                                         |     |        |           |                |                    |      |  |
|                                                                                     | Mounting Channel - Per Foot                                                            |     | 0.10   | 0.12      | 0.15           |                    | E    |  |
|                                                                                     | End Plate                                                                              |     | 0.03   | 0.04      | 0.05           |                    | E    |  |
|                                                                                     | Terminal Block                                                                         |     | 0.02   | 0.03      | 0.04           |                    | E    |  |
|                                                                                     | Plastic Wire Trough                                                                    |     | 0.10   | 0.12      | 0.15           |                    | LF   |  |
|                                                                                     | Cover                                                                                  |     | 0.02   | 0.03      | 0.04           |                    | E    |  |
|  | <b>600 Volt Type FCC Flat Under Carpet Wiring Junction Box</b>                         |     |        |           |                |                    |      |  |
|                                                                                     | New Construction                                                                       |     | 0.25   | 0.31      | 0.38           |                    | E    |  |
|                                                                                     | Utilize Existing Box                                                                   |     | 0.20   | 0.25      | 0.30           |                    | E    |  |
|                                                                                     | Retro-Fit Existing Construction                                                        |     | 0.50   | 0.63      | 0.75           |                    | E    |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |
|  | <b>Install Round To Flat Cable Transition Block In Junction Box</b>                    |     |        |           |                |                    |      |  |
|                                                                                     |                                                                                        |     | 0.50   | 0.63      | 0.75           |                    | E    |  |
|                                                                                     | 3 Conductor # 10 Cable                                                                 |     | 7.50   | 9.38      | 11.25          |                    | C    |  |
|                                                                                     | 5 Conductor # 10 Cable                                                                 |     | 7.50   | 9.38      | 11.25          |                    | C    |  |
|                                                                                     | <i>Includes: Clean Concrete Floor</i>                                                  |     |        |           |                |                    |      |  |
|                                                                                     | <i>Moisture Barrier Tape</i>                                                           |     |        |           |                |                    |      |  |
|  | <b>Flat Undercarpet Tee-Tap / X Tap / Change of direction</b>                          |     |        |           |                |                    |      |  |
|                                                                                     | 3 Conductor # 10 Cable                                                                 |     | 0.25   | 0.31      | 0.38           |                    | E    |  |
|                                                                                     | 5 Conductor # 10 Cable                                                                 |     | 0.50   | 0.63      | 0.75           |                    | E    |  |
|                                                                                     | <i>One Splice Per Conductor</i>                                                        |     |        |           |                |                    |      |  |
|                                                                                     | <i>Requires Special Crimp Tool</i>                                                     |     |        |           |                |                    |      |  |
|                                                                                     | <i>Insulator Kit For Ea Crimp Splice</i>                                               |     |        |           |                |                    |      |  |
|  | <b>Floor Mount Power Pedestal Single or Double Duplex Mount Pedestal and Terminate</b> |     |        |           |                |                    |      |  |
|                                                                                     | 3 Conductor # 10 Cable                                                                 |     | 0.50   | 0.63      | 0.75           |                    | E    |  |
|                                                                                     | 5 Conductor # 10 Cable                                                                 |     | 0.50   | 0.63      | 0.75           |                    | E    |  |
|                                                                                     | Remove and Replace Carpet Tile                                                         |     | 3.30   | 4.13      | 4.95           |                    | C    |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |
|  | <b>Undercarpet Telephone and Data Flat Cable Junction Box</b>                          |     |        |           |                |                    |      |  |
|                                                                                     | New Construction                                                                       |     | 0.25   | 0.31      | 0.38           |                    | E    |  |
|                                                                                     | Utilize Existing Box                                                                   |     | 0.20   | 0.25      | 0.30           |                    | E    |  |
|                                                                                     | Retro-Fit Existing Box                                                                 |     | 0.50   | 0.63      | 0.75           |                    | E    |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |
|  | <b>Install Flat To Round Cable Transition Block in Junction Box - All Types</b>        |     |        |           |                |                    |      |  |
|                                                                                     | Single Conductor                                                                       |     | 0.25   | 0.31      | 0.38           |                    | E    |  |
|                                                                                     | Multi-Conductor                                                                        |     | 0.40   | 0.50      | 0.60           |                    | E    |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |
|                                                                                     |                                                                                        |     |        |           |                |                    |      |  |