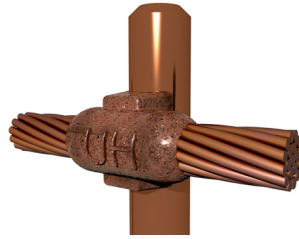


## Cable to Ground Rod Connections



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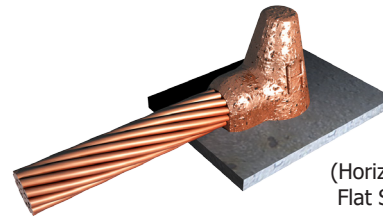
(Horizontal Thru Cable to Side of Ground Rod)

### GS Connection Type

| Ground Rod Size* | Cable Size | Mold Part No. | Weld Metal |            |
|------------------|------------|---------------|------------|------------|
|                  |            |               | UltraShot  | NUWTUBE    |
| 5/8"             | #2 Sol     | GS-582SR      | US65       | NUWTUBE65  |
|                  | #2         | GS-582R       | US65       | NUWTUBE65  |
|                  | 1/0        | GS-581/0P     | US115      | NUWTUBE115 |
|                  | 2/0        | GS-582/0P     | US115      | NUWTUBE115 |
|                  | 3/0        | GS-583/0P     | US150      | NUWTUBE150 |
|                  | 4/0        | GS-584/0P     | US150      | NUWTUBE150 |
| 3/4"             | #2 Sol     | GS-342SR      | US65       | NUWTUBE65  |
|                  | #2         | GS-342R       | US65       | NUWTUBE65  |
|                  | 1/0        | GS-341/0P     | US115      | NUWTUBE115 |
|                  | 2/0        | GS-342/0P     | US115      | NUWTUBE115 |
|                  | 3/0        | GS-343/0P     | US150      | NUWTUBE150 |
|                  | 4/0        | GS-344/0P     | US150      | NUWTUBE150 |

\*Copper-Clad ground rod nominal dimensions.

## Cable to Steel Surface/Pipe Connections



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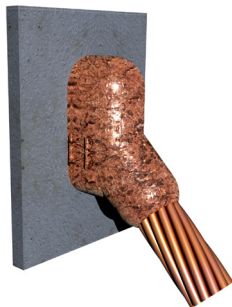
(Horizontal Cable to Horizontal Flat Steel Surface, ON Surface)

### HD Connection Type

| Cable Size | Mold Part No. | Weld Metal |            |
|------------|---------------|------------|------------|
|            |               | UltraShot  | NUWTUBE    |
| #2 Sol     | HD-2SA        | US45       | NUWTUBE45  |
| #2         | HD-2A         | US45       | NUWTUBE45  |
| 1/0        | HD-1/0B       | US90       | NUWTUBE90  |
| 2/0        | HD-2/0B       | US90       | NUWTUBE90  |
| 3/0        | HD-3/0B       | US115      | NUWTUBE115 |
| 4/0        | HD-4/0B       | US115      | NUWTUBE115 |
| 250 MCM    | HD-25CMB      | US115      | NUWTUBE115 |

\*For connections to pipe, please contact factory.

## Cable to Steel Surface/Pipe Connections



cUL US Listed 467

(Cable Down at 45° to Vertical Flat Steel Surface)

### VA Connection Type

| Cable Size | Mold Part No. | Weld Metal |            |
|------------|---------------|------------|------------|
|            |               | UltraShot  | NUWTUBE    |
| #2 Sol     | VA-2SB        | US45       | NUWTUBE45  |
| #2         | VA-2B         | US45       | NUWTUBE45  |
| 1/0        | VA-1/0B       | US90       | NUWTUBE90  |
| 2/0        | VA-2/0B       | US90       | NUWTUBE90  |
| 3/0        | VA-3/0B       | US115      | NUWTUBE115 |
| 4/0        | VA-4/0B       | US115      | NUWTUBE115 |
| 250 MCM    | VA-25CMB      | US115      | NUWTUBE115 |



cUL US Listed 467

(Cable Down at 45° to Side of Vertical or Horizontal Steel Pipe)

### VA (Pipe) Connection Type (Range Taking)

| Cable Size | Nominal Pipe Size | Mold Part No. | Weld Metal |            |
|------------|-------------------|---------------|------------|------------|
|            |                   |               | UltraShot  | NUWTUBE    |
| #2 Sol     | 1/2" to 1" Pipe   | VA-2SV.5X1B   | US45       | NUWTUBE45  |
|            | 1-1/2" to 4" Pipe | VA-2SV1.5X4B  | US45       | NUWTUBE45  |
|            | 4" to 6" Pipe     | VA-2SV4X6B    | US45       | NUWTUBE45  |
|            | 6" to 10" Pipe    | VA-2SV6X10B   | US45       | NUWTUBE45  |
| #2         | 1-1/2" to 4" Pipe | VA-2V1.5X4B   | US45       | NUWTUBE45  |
|            | 4" to 6" Pipe     | VA-2V4X6B     | US45       | NUWTUBE45  |
|            | 6" to 10" Pipe    | VA-2V6X10B    | US45       | NUWTUBE45  |
| 1/0        | 2" to 4" Pipe     | VA-1/0V2X4B   | US90       | NUWTUBE90  |
|            | 4" to 6" Pipe     | VA-1/0V4X6B   | US90       | NUWTUBE90  |
|            | 6" to 10" Pipe    | VA-1/0V6X10B  | US90       | NUWTUBE90  |
| 2/0        | 2" to 4" Pipe     | VA-2/0V2X4B   | US90       | NUWTUBE90  |
|            | 4" to 6" Pipe     | VA-2/0V4X6B   | US90       | NUWTUBE90  |
|            | 6" to 10" Pipe    | VA-2/0V6X10B  | US90       | NUWTUBE90  |
| 4/0        | 2" to 4" Pipe     | VA-4/0V2X4B   | US115      | NUWTUBE115 |
|            | 4" to 6" Pipe     | VA-4/0V4X6B   | US115      | NUWTUBE115 |
|            | 6" to 10" Pipe    | VA-4/0V6X10B  | US115      | NUWTUBE115 |