

# UVMAXX<sup>TM</sup>

## FIBERGLASS CROSSARM & HARDWARE SYSTEM

Introducing our new UVMAXX<sup>TM</sup> Crossarm lineup that sets a new industry standard in durability delivering the longest life product in the industry.

We have maximized every element of our foam filled cross arm to meet all standards in lab testing and the real world.



### UV Protection

The Duracore beam bonds the UV protective layer directly to the core structure, eliminating the need for painting while ensuring that there are no entry points for corrosion. Painted systems allow degradation to occur once the surface is nicked or scratched.



### Longevity

Our radial Duracore design is stronger than traditional square designs reducing arm stress and durability. The crossarm's unique fiberglass composite structure provides a longer life than other brands.

Our Duraloc endcaps mechanically lock into the beam vs. the use of foamcore fill to attach endcaps. This mechanical locking system greatly reduces endcap failures.



### Field Friendly

- All of our best-in-class Duracast mounting hardware system outperforms welded solutions eliminating the chance of premature failure due to poor welds.
- Field drillable design.
- Lighter, safer, stronger, and more environmentally friendly than wood solutions.



To learn more, visit  
[MACLEANPOWER.COM/UVMAXX](http://MACLEANPOWER.COM/UVMAXX)  
OR SCAN CODE

## UVMAXX™ DEADEND SERIES

### EXTRA LIGHT DUTY DEADEND CROSSARMS SERIES PX

| CATALOG NUMBER | LENGTH (FT) | ULTIMATE LOAD PER SIDE (LBS) | ULTIMATE LOAD PER POSITION | DEFLECTION PER 1000 LBS (IN) | GUY HOLE RATING (DUAL/SINGLE) | GUY HOLE SIZE | WEIGHT (LBS) | BEAM SIZE W x H |
|----------------|-------------|------------------------------|----------------------------|------------------------------|-------------------------------|---------------|--------------|-----------------|
| PX05LD573-2E   | 5           | 8,650                        | 8,650                      | <0.10                        | 24,000/21,000                 | 11/16"        | 29           | 4.625" x 3.625" |
| PX08LD003-2E   | 8           | 4,950                        | 4,950                      | 0.68                         | 24,000/21,000                 | 11/16"        | 38           | 4.625" x 3.625" |
| PX08LD003-4E   | 8           | 4,950                        | 3,500                      | 0.68                         | 24,000/21,000                 | 11/16"        | 43           | 4.625" x 3.625" |
| PX10LD005-2E   | 10          | 3,850                        | 3,850                      | 1.25                         | 24,000/21,000                 | 11/16"        | 44           | 4.625" x 3.625" |

### LIGHT DUTY DEADEND CROSSARMS SERIES PZ

| CATALOG NUMBER  | LENGTH (FT) | ULTIMATE LOAD PER SIDE (LBS) | ULTIMATE LOAD PER POSITION | DEFLECTION PER 1000 LBS (IN) | GUY HOLE RATING (DUAL/SINGLE) | GUY HOLE SIZE | WEIGHT (LBS) | BEAM SIZE W x H |
|-----------------|-------------|------------------------------|----------------------------|------------------------------|-------------------------------|---------------|--------------|-----------------|
| PZ08LD003-2E-SM | 8           | 9,400                        | 9,400                      | 0.24                         | 40,000/30,000                 | 13/16"        | 71           | 4" x 6"         |
| PZ10LD005-2E-SM | 10          | 7,350                        | 7,350                      | 0.47                         | 40,000/30,000                 | 13/16"        | 80           | 4" x 6"         |
| PZ10LD005-4E-SM | 10          | 7,350                        | 5,600                      | 0.47                         | 40,000/30,000                 | 13/16"        | 89           | 4" x 6"         |

### STANDARD DUTY DEADEND CROSSARMS SERIES PW

| CATALOG NUMBER | LENGTH (FT) | ULTIMATE LOAD PER SIDE (LBS) | ULTIMATE LOAD PER POSITION | DEFLECTION PER 1000 LBS (IN) | GUY HOLE RATING (DUAL/SINGLE) | GUY HOLE SIZE | WEIGHT (LBS) | BEAM SIZE W x H |
|----------------|-------------|------------------------------|----------------------------|------------------------------|-------------------------------|---------------|--------------|-----------------|
| PW08LD003-2E   | 8           | 10,200                       | 10,200                     | 0.35                         | 24,000/21,000                 | 11/16"        | 48           | 4.625" x 3.625" |
| PW08LD003-4E   | 8           | 10,200                       | 7,300                      | 0.35                         | 24,000/21,000                 | 11/16"        | 53           | 4.625" x 3.625" |
| PW10LD005-2E   | 10          | 7,950                        | 7,950                      | 0.70                         | 24,000/21,000                 | 11/16"        | 56           | 4.625" x 3.625" |
| PW10LD005-4E   | 10          | 7,950                        | 6,050                      | 0.70                         | 24,000/21,000                 | 11/16"        | 61           | 4.625" x 3.625" |
| PW12LD349-2E   | 12          | 6,500                        | 6,500                      | 1.05                         | 24,000/21,000                 | 11/16"        | 64           | 4.625" x 3.625" |

### HEAVY DUTY DEADEND CROSSARMS SERIES PY

| CATALOG NUMBER | LENGTH (FT) | ULTIMATE LOAD PER SIDE (LBS) | ULTIMATE LOAD PER POSITION | DEFLECTION PER 1000 LBS (IN) | GUY HOLE RATING (DUAL/SINGLE) | GUY HOLE SIZE | WEIGHT (LBS) | BEAM SIZE W x H |
|----------------|-------------|------------------------------|----------------------------|------------------------------|-------------------------------|---------------|--------------|-----------------|
| PY08SD003-2E   | 8           | 12,500                       | 12,500                     | 0.22                         | 50,000/30,000                 | 13/16"        | 79           | 6" x 4"         |
| PY08SD003-4E   | 8           | 12,500                       | 10,050                     | 0.22                         | 50,000/30,000                 | 13/16"        | 88           | 6" x 4"         |
| PY10SD005-2E   | 10          | 11,000                       | 11,000                     | 0.42                         | 50,000/30,000                 | 13/16"        | 91           | 6" x 4"         |
| PY10SD005-4E   | 10          | 11,000                       | 8,350                      | 0.42                         | 50,000/30,000                 | 13/16"        | 99           | 6" x 4"         |
| PY12SD349-2E   | 12          | 9,000                        | 9,000                      | 0.58                         | 50,000/30,000                 | 13/16"        | 102          | 6" x 4"         |
| PY12SD349-4E   | 12          | 9,000                        | 6,350                      | 0.58                         | 50,000/30,000                 | 13/16"        | 111          | 6" x 4"         |



## UVMAXX™ DEADEND SERIES

### HEAVY DUTY DEADEND CROSSARM SERIES PK

| CATALOG NUMBER | LENGTH (FT) | ULTIMATE LOAD PER SIDE (LBS) | ULTIMATE LOAD PER POSITION | DEFLECTION PER 1000 LBS (IN) | GUY HOLE RATING (DUAL/SINGLE) | GUY HOLE SIZE | WEIGHT (LBS) | BEAM SIZE W x H |
|----------------|-------------|------------------------------|----------------------------|------------------------------|-------------------------------|---------------|--------------|-----------------|
| PK08SD003-2EI  | 8           | 13,700                       | 13,700                     | 0.22                         | 50,000/30,000                 | 13/16"        | 80           | 3.625" x 4.625" |
| PK08SD003-4EI  | 8           | 13,700                       | 11,000                     | 0.22                         | 50,000/30,000                 | 13/16"        | 88           | 3.625" x 4.625" |
| PK10SD005-2EI  | 10          | 11,750                       | 11,750                     | 0.42                         | 50,000/30,000                 | 13/16"        | 91           | 3.625" x 4.625" |
| PK10SD005-4EI  | 10          | 11,750                       | 8,750                      | 0.42                         | 50,000/30,000                 | 13/16"        | 99           | 3.625" x 4.625" |

### EXTRA HEAVY DUTY DEADEND CROSSARM SERIES PF

| CATALOG NUMBER | LENGTH (FT) | ULTIMATE LOAD PER SIDE (LBS) | ULTIMATE LOAD PER POSITION | DEFLECTION PER 1000 LBS (IN) | GUY HOLE RATING (DUAL/SINGLE) | GUY HOLE SIZE | WEIGHT (LBS) | BEAM SIZE W x H |
|----------------|-------------|------------------------------|----------------------------|------------------------------|-------------------------------|---------------|--------------|-----------------|
| PF08SD003-2E   | 8           | 17,000                       | 17,000                     | <0.15                        | 50,000/30,000                 | 13/16"        | 92           | 6" x 4"         |
| PF08SD003-4E   | 8           | 17,000                       | 12,500                     | <0.15                        | 50,000/30,000                 | 13/16"        | 100          | 6" x 4"         |
| PF10SD005-2E   | 10          | 15,000                       | 15,000                     | 0.27                         | 50,000/30,000                 | 13/16"        | 106          | 6" x 4"         |
| PF10SD005-4E   | 10          | 15,000                       | 11,000                     | 0.27                         | 50,000/30,000                 | 13/16"        | 114          | 6" x 4"         |

# UVMAXX

## UVMAXX™ DEADEND SERIES - SMART CATALOG NUMBERING SYSTEM

| <b>P</b>   | <b>X</b> | <b>10</b>   | <b>SD</b> | <b>005</b> | <b>4E</b> | <b>I</b> | <b>B</b>                |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
|--|----------|---|-----------|------------|-----------|----------|-------------------------|----|---|---------------|----|---|--------------------------|--|---|---------------|---|---|-----------------------|---|---------------------------|-----------------|--|---------------------------|-----------------------|---|----------------------------|-----|---|---|----|---|---|----|---|--|----|---|---|----|---|---|--|--|--------------------------------|--|--|----|---|-------------------------------------|----|---|-------------------------------------|----|---|-------------------------------------|----|---|-------------------------------------|---|--|---------|--|--|---|---|----------------------------------|---|---|------------|---|--|----------------|--|--|---|---|-------|---|---|------|
| <table border="1"> <thead> <tr> <th colspan="3">Beam Size (W x H)</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>=</td> <td>4.625" x 3.625" X-Light</td> </tr> <tr> <td>Z</td> <td>=</td> <td>6" x 4" Light</td> </tr> <tr> <td>W</td> <td>=</td> <td>4.625" x 3.625" Standard</td> </tr> <tr> <td>Y</td> <td>=</td> <td>6" x 4" Heavy</td> </tr> <tr> <td>K</td> <td>=</td> <td>4.625" x 3.625" Heavy</td> </tr> <tr> <td>F</td> <td>=</td> <td>6" x 4" X-Heavy</td> </tr> </tbody> </table> |          | Beam Size (W x H)   |           |            | X         | =        | 4.625" x 3.625" X-Light | Z  | = | 6" x 4" Light | W  | = | 4.625" x 3.625" Standard | Y  | = | 6" x 4" Heavy | K | = | 4.625" x 3.625" Heavy | F | =                         | 6" x 4" X-Heavy | <table border="1"> <thead> <tr> <th colspan="3">Pole Mounting Options</th> </tr> </thead> <tbody> <tr> <td>SD</td> <td>=</td> <td>Heavy Iron Centermount (12" spacing)</td> </tr> <tr> <td>LD</td> <td>=</td> <td>Standard Alum Centermount (12" spacing)</td> </tr> <tr> <td>LX</td> <td>=</td> <td>Aluminum Centermount with 10" mounting</td> </tr> <tr> <td>LA</td> <td>=</td> <td>Standard Aluminum Center Mount (12" spacing) with Center attachment</td> </tr> <tr> <td>SA</td> <td>=</td> <td>Heavy Iron Centermount (12" spacing) with center eye attachment</td> </tr> </tbody> </table> |                           | Pole Mounting Options |   |                            | SD  | = | Heavy Iron Centermount (12" spacing)                    | LD | = | Standard Alum Centermount (12" spacing) | LX | = | Aluminum Centermount with 10" mounting | LA | = | Standard Aluminum Center Mount (12" spacing) with Center attachment | SA | = | Heavy Iron Centermount (12" spacing) with center eye attachment | <table border="1"> <thead> <tr> <th colspan="3">Eye Nut Options (Deadend Only)</th> </tr> </thead> <tbody> <tr> <td>2S</td> <td>=</td> <td>Single Sided Eyunuts at 2 Locations</td> </tr> <tr> <td>4S</td> <td>=</td> <td>Single Sided Eyunuts at 4 Locations</td> </tr> <tr> <td>2E</td> <td>=</td> <td>Double Sided Eyunuts at 2 Locations</td> </tr> <tr> <td>4E</td> <td>=</td> <td>Double Sided Eyunuts at 4 Locations</td> </tr> </tbody> </table> |  | Eye Nut Options (Deadend Only) |  |  | 2S | = | Single Sided Eyunuts at 2 Locations | 4S | = | Single Sided Eyunuts at 4 Locations | 2E | = | Double Sided Eyunuts at 2 Locations | 4E | = | Double Sided Eyunuts at 4 Locations | <table border="1"> <thead> <tr> <th colspan="3">Inserts</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>=</td> <td>Crush-resistant inserts included</td> </tr> <tr> <td>-</td> <td>=</td> <td>No inserts</td> </tr> </tbody> </table> |  | Inserts |  |  | I | = | Crush-resistant inserts included | - | = | No inserts | <table border="1"> <thead> <tr> <th colspan="3">Optional Color</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>=</td> <td>Brown</td> </tr> <tr> <td>-</td> <td>=</td> <td>Gray</td> </tr> </tbody> </table> |  | Optional Color |  |  | B | = | Brown | - | = | Gray |
| Beam Size (W x H)  |          |   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| X  | =        | 4.625" x 3.625" X-Light   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| Z  | =        | 6" x 4" Light   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| W  | =        | 4.625" x 3.625" Standard  |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| Y  | =        | 6" x 4" Heavy   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| K  | =        | 4.625" x 3.625" Heavy   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| F  | =        | 6" x 4" X-Heavy   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| Pole Mounting Options  |          |   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| SD   | =        | Heavy Iron Centermount (12" spacing)                                |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| LD   | =        | Standard Alum Centermount (12" spacing)                             |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| LX   | =        | Aluminum Centermount with 10" mounting                              |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| LA   | =        | Standard Aluminum Center Mount (12" spacing) with Center attachment |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| SA   | =        | Heavy Iron Centermount (12" spacing) with center eye attachment     |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| Eye Nut Options (Deadend Only)   |          |   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| 2S   | =        | Single Sided Eyunuts at 2 Locations                                 |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| 4S   | =        | Single Sided Eyunuts at 4 Locations                                 |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| 2E   | =        | Double Sided Eyunuts at 2 Locations                                 |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| 4E   | =        | Double Sided Eyunuts at 4 Locations                                 |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| Inserts  |          |   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| I  | =        | Crush-resistant inserts included                                    |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| -  | =        | No inserts  |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| Optional Color   |          |   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| B  | =        | Brown   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| -  | =        | Gray  |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| <table border="1"> <thead> <tr> <th colspan="3">Crossarm Length</th> </tr> </thead> <tbody> <tr> <td>08</td> <td>=</td> <td>8 feet</td> </tr> <tr> <td>10</td> <td>=</td> <td>10 feet</td> </tr> <tr> <td>XX</td> <td>=</td> <td>Custom</td> </tr> </tbody> </table>   |          | Crossarm Length   |           |            | 08        | =        | 8 feet                  | 10 | = | 10 feet       | XX | = | Custom                   | <table border="1"> <thead> <tr> <th colspan="3">Drill Pattern</th> </tr> </thead> <tbody> <tr> <td>003</td> <td>=</td> <td>REA type 03 Drilling (8')</td> </tr> <tr> <td>004</td> <td>=</td> <td>REA type 04 Drilling (8')</td> </tr> <tr> <td>005</td> <td>=</td> <td>REA type 05 Drilling (10')</td> </tr> <tr> <td>XXX</td> <td>=</td> <td>Customer Defined Drilling (3-4 digit number assignment)</td> </tr> </tbody> </table> |   | Drill Pattern |   |   | 003                   | = | REA type 03 Drilling (8') | 004             | =  | REA type 04 Drilling (8') | 005                   | = | REA type 05 Drilling (10') | XXX | = | Customer Defined Drilling (3-4 digit number assignment) |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| Crossarm Length  |          |   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| 08   | =        | 8 feet  |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| 10   | =        | 10 feet   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| XX   | =        | Custom  |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| Drill Pattern  |          |   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| 003  | =        | REA type 03 Drilling (8')   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| 004  | =        | REA type 04 Drilling (8')   |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| 005  | =        | REA type 05 Drilling (10')  |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |
| XXX  | =        | Customer Defined Drilling (3-4 digit number assignment)             |           |            |           |          |                         |    |   |               |    |   |                          |  |   |               |   |   |                       |   |                           |                 |  |                           |                       |   |                            |     |   |   |    |   |   |    |   |  |    |   |   |    |   |   |  |  |                                |  |  |    |   |                                     |    |   |                                     |    |   |                                     |    |   |                                     |   |  |         |  |  |   |   |                                  |   |   |            |   |  |                |  |  |   |   |       |   |   |      |

**NOTE:** Ground clip kit FGXAGC-6S available. To specify with arm, add "-G" to the end of the catalog number.



## UVMAXX™ TANGENT SERIES

### LIGHT DUTY TANGENT CROSSARM SERIES PX

| CATALOG    | LENGTH | ULTIMATE LOAD  | ULTIMATE LOAD | DEFLECTION PER | WEIGHT | BEAM SIZE       | DESCRIPTION   |
|------------|--------|----------------|---------------|----------------|--------|-----------------|---|
| NUMBER     | (FT)   | PER SIDE (LBS) | PER POSITION  | 1000 LBS (IN)  | (LBS)  | W x H           |   |
| PX08ST003I | 8      | 3,200          | 2,350         | 0.68           | 32     | 3-5/8" x 4-5/8" | Braceless Light Duty Tangent Fiberglass Crossarms Series PX |
| PX08ST004I | 8      | 3,200          | 1,600         | 0.68           | 32     | 3-5/8" x 4-5/8" | Braceless Light Duty Tangent Fiberglass Crossarms Series PX |
| PX10ST005I | 10     | 2,500          | 1,250         | 1.28           | 38     | 3-5/8" x 4-5/8" | Braceless Light Duty Tangent Fiberglass Crossarms Series PX |

### STANDARD DUTY TANGENT CROSSARM SERIES PS

| CATALOG    | LENGTH | ULTIMATE LOAD  | ULTIMATE LOAD | DEFLECTION PER | WEIGHT | BEAM SIZE       | DESCRIPTION  |
|------------|--------|----------------|---------------|----------------|--------|-----------------|--|
| NUMBER     | (FT)   | PER SIDE (LBS) | PER POSITION  | 1000 LBS (IN)  | (LBS)  | W x H           |  |
| PS08ST003I | 8      | 4,100          | 3,050         | 0.60           | 32     | 3-5/8" x 4-5/8" | Braceless Standard Duty Tangent Fiberglass Crossarms Series PS |
| PS08ST004I | 8      | 4,100          | 2,000         | 0.60           | 32     | 3-5/8" x 4-5/8" | Braceless Standard Duty Tangent Fiberglass Crossarms Series PS |
| PS10ST005I | 10     | 3,200          | 1,600         | 0.90           | 38     | 3-5/8" x 4-5/8" | Braceless Standard Duty Tangent Fiberglass Crossarms Series PS |

### MEDIUM DUTY TANGENT CROSSARM SERIES PT

| CATALOG    | LENGTH | ULTIMATE LOAD  | ULTIMATE LOAD | DEFLECTION PER | WEIGHT | BEAM SIZE       | DESCRIPTION  |
|------------|--------|----------------|---------------|----------------|--------|-----------------|--|
| NUMBER     | (FT)   | PER SIDE (LBS) | PER POSITION  | 1000 LBS (IN)  | (LBS)  | W x H           |  |
| PT08ST003I | 8      | 6,000          | 4,400         | 0.60           | 37     | 3-5/8" x 4-5/8" | Braceless Medium Duty Tangent Fiberglass Crossarms Series PT |
| PT08ST004I | 8      | 6,000          | 3,000         | 0.60           | 37     | 3-5/8" x 4-5/8" | Braceless Medium Duty Tangent Fiberglass Crossarms Series PT |
| PT10ST005I | 10     | 5,000          | 2,500         | 0.90           | 45     | 3-5/8" x 4-5/8" | Braceless Medium Duty Tangent Fiberglass Crossarms Series PT |

### HEAVY DUTY TANGENT CROSSARM SERIES PW

| CATALOG    | LENGTH | ULTIMATE LOAD  | ULTIMATE LOAD | DEFLECTION PER | WEIGHT | BEAM SIZE       | DESCRIPTION   |
|------------|--------|----------------|---------------|----------------|--------|-----------------|---|
| NUMBER     | (FT)   | PER SIDE (LBS) | PER POSITION  | 1000 LBS (IN)  | (LBS)  | W x H           |   |
| PW08ST003I | 8      | 7,200          | 5,400         | 0.60           | 43     | 3-5/8" x 4-5/8" | Braceless Heavy Duty Tangent Fiberglass Crossarms Series PW |
| PW08ST004I | 8      | 7,200          | 3,600         | 0.60           | 43     | 3-5/8" x 4-5/8" | Braceless Heavy Duty Tangent Fiberglass Crossarms Series PW |
| PW10ST005I | 10     | 5,700          | 2,800         | 0.90           | 52     | 3-5/8" x 4-5/8" | Braceless Heavy Duty Tangent Fiberglass Crossarms Series PW |
| PW12ST349I | 12     | 4,700          | 3,300         | 1.21           | 60     | 3-5/8" x 4-5/8" | Braceless Heavy Duty Tangent Fiberglass Crossarms Series PW |

# UVMAXX

## UVMAXX™ TANGENT SERIES

### EXTRA HEAVY DUTY TANGENT CROSSARM SERIES PY

| CATALOG NUMBER | LENGTH (FT) | ULTIMATE LOAD PER SIDE (LBS) | ULTIMATE LOAD PER POSITION | DEFLECTION PER 1000 LBS (IN) | WEIGHT (LBS) | BEAM SIZE W x H | DESCRIPTION   |
|----------------|-------------|------------------------------|----------------------------|------------------------------|--------------|-----------------|---|
| PY08ST003I     | 8           | 8,400                        | 6,250                      | 0.22                         | 57           | 4" x 6"         | Braceless Extra Heavy Duty Tangent Fiberglass Crossarms Series PY |
| PY08ST004I     | 8           | 8,400                        | 4,200                      | 0.22                         | 57           | 4" x 6"         | Braceless Extra Heavy Duty Tangent Fiberglass Crossarms Series PY |
| PY10ST005I     | 10          | 6,600                        | 3,300                      | 0.42                         | 69           | 4" x 6"         | Braceless Extra Heavy Duty Tangent Fiberglass Crossarms Series PY |
| PY12ST349I     | 12          | 5,450                        | 3,800                      | 0.58                         | 81           | 4" x 6"         | Braceless Extra Heavy Duty Tangent Fiberglass Crossarms Series PY |

### UVMAXX™ TANGENT SERIES - SMART CATALOG NUMBERING SYSTEM



## FIBERGLASS CROSSARM INSTALLATION GUIDE



### DRILLING FIBERGLASS CROSSARMS

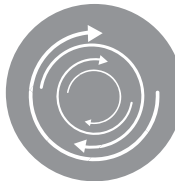
Carbide drill bits are recommended for field drilling UVMAXX™ crossarm products. Always ensure proper ventilation and safety equipment are used when drilling fiberglass. Take special care to ensure correct hardware location and orientation before the drilling of the crossarms. Apply a clear sealant or protective lacquer to any exposed fibers.



### SUGGESTED HARDWARE

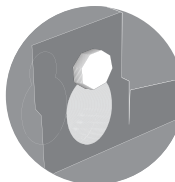
We recommend using our patented curved washers for deadends or 4"x4" washers (3/8" thick) on both sides of the crossarm for horizontal loading. When a full load is applied to a crossarm, our curved washers evenly distribute pressure over the entire crossarm surface. When insulator pins encounter extreme transverse or longitudinal loads, 4"x4" washers (1/4" thick) are also recommended. Our patented curved washers are shipped with all standard deadend crossarm orders. Consult our customer service team at 855-MPS-SHIP to request extra washers.

Care should be taken during installation of hardware not to damage the outer surface of the crossarm.



### RECOMMENDED TORQUE VALUES (DEADEND AND TANGENT)

Do not exceed 25 foot-pounds of torque when attaching hardware to the crossarm or mounting crossarm to a pole. (Fiberglass does not expand and contract like wood; thus, higher torque values do not ensure a tighter fit. Typical installations on wood crossarms may involve sinking the hardware into the wood in order to insure a tight fit since the wood arm shrinks over time unlike fiberglass. Double spring lock washers are sometimes used on pin attachments for this purpose as well and are not recommended for fiberglass installations. Any pin attachments or other hardware with cleats that are meant to dig into wood crossarms are also discouraged from use.)



### ASSEMBLY OF CROSSARM TO THE POLE

For ease of installation and safety, we recommend using the keyhole on the top of the center mount. The keyhole is designed to support the weight of the crossarm during installation for this purpose.



### FIBERGLASS CROSSARM LOADING

UVMAXX™ crossarms have published "Ultimate Load" and "Deflection" characteristics:

**Ultimate Load** is the maximum load that should be applied to the crossarm per side of the arm. Ultimate loading values per phase are dependent upon the number and position of phases. Loads above this level may cause damage to the crossarm.

**Deflection** is the displacement of the crossarm under load and is published in inches of displacement per 1000 lbs of load applied.