



## JOINERS

- Joiners create a rigid connection between ducting sections and other components
- Standard Joiners install without tools; Slotless Joiners install using a screwdriver

## VERTICAL ELBOWS

- Connect horizontal raceway at different heights and route raceway around obstacles
- Retrofit styles allow easy addition of new fibers

## VERTICAL TEES

- Drop cables vertically from horizontal routes into frames or cabinets

## HORIZONTAL TEES

- Branch off the duct and extend the fiber route

## HORIZONTAL ELBOWS

- Change the direction of horizontal routes

## HORIZONTAL CROSSES

- Allow easy fiber routing in all directions for increased expansion and adaptability

Please contact inside sales at 800.722.2082 to order or for more information.

# CABLE MANAGEMENT | Fiber Raceway System

| JOINERS                                      |           |           |           |           |
|--|-----------|-----------|-----------|-----------|
| DESCRIPTION                                  | 2" X 2"   | 4" X 4"   | 4" X 8"   | 4" X 12"  |
| <b>[A]</b> Standard Joiner                   | S2JNR-SLT | S4JNR-SLT | S8JNR-SLT | —         |
| <b>[B]</b> Slotless Joiner                   | —         | S4JNR-SLS | S8JNR-SLS | SWJNR-SLS |
| VERTICAL ELBOWS                              |           |           |           |           |
| Vertical Elbow 30° Down                      | S2VEL-30D | S4VEL-30D | S8VEL-30D | —         |
| Vertical Elbow 30° Down and Cover            | S2VEL-3DC | S4VEL-3DC | S8VEL-3DC | —         |
| <b>[C]</b> Vertical Elbow 30° Down Retrofit  | —         | S4VEL-3DR | S8VEL-3DR | —         |
| Vertical Elbow 30° Up                        | —         | S4VEL-30U | S8VEL-30U | —         |
| <b>[D]</b> Vertical Elbow 30° Up and Cover   | —         | S4VEL-3UC | S8VEL-3UC | —         |
| Vertical Elbow 30° Up Retrofit               | —         | S4VEL-3UR | S8VEL-3UR | —         |
| Vertical Elbow 45° Down                      | S2VEL-45D | S4VEL-45D | S8VEL-45D | SWVEL-45D |
| Vertical Elbow 45° Down and Cover            | S2VEL-4DC | S4VEL-4DC | S8VEL-4DC | SWVEL-4DC |
| Vertical Elbow 45° Down Retrofit             | —         | S4VEL-4DR | S8VEL-4DR | —         |
| Vertical Elbow 45° Up                        | —         | S4VEL-45U | —         | SWVEL-45U |
| Vertical Elbow 45° Up and Cover              | S2VEL-4UC | S4VEL-4UC | S8VEL-4UC | SWVEL-4UC |
| Vertical Elbow 45° Up Retrofit               | —         | S4VEL-4UR | S8VEL-4UR | —         |
| Vertical Elbow 90° Down                      | S2VEL-90D | S4VEL-90D | S8VEL-90D | SWVEL-90D |
| <b>[E]</b> Vertical Elbow 90° Down and Cover | S2VEL-9DC | S4VEL-9DC | S8VEL-9DC | SWVEL-9DC |
| Vertical Elbow 90° Down Retrofit             | —         | S4VEL-9DR | S8VEL-9DR | —         |
| Vertical Elbow 90° Up                        | S2VEL-90U | S4VEL-90U | S8VEL-90U | SWVEL-90U |
| Vertical Elbow 90° Up and Cover              | S2VEL-9UC | S4VEL-9UC | S8VEL-9UC | SWVEL-9UC |
| Vertical Elbow 90° Up Retrofit               | S2VEL-9UR | S4VEL-9UR | S8VEL-9UR | —         |
| Vertical Elbow 90° Up and Down Enclosed      | —         | S4VEL-9UD | S8VEL-9UD | —         |
| VERTICAL TEES                                |           |           |           |           |
| Vertical Tee                                 | S2VTE-TEE | S4VTE-TEE | S8VTE-TEE | SWVTE-TEE |
| Vertical Tee and Cover                       | S2VTE-TEC | S4VTE-TEC | S8VTE-TEC | SWVTE-TEC |
| <b>[F]</b> Vertical Tee Retrofit             | S2VTE-TER | S4VTE-TER | S8VTE-TER | —         |
| HORIZONTAL TEES                              |           |           |           |           |
| Horizontal Tee                               | S2HTE-TEE | S4HTE-TEE | S8HTE-TEE | SWHTE-TEE |
| <b>[G]</b> Horizontal Tee and Cover          | S2HTE-TEC | S4HTE-TEC | S8HTE-TEC | SWHTE-TEC |
| HORIZONTAL ELBOWS                            |           |           |           |           |
| Horizontal Elbow 30°                         | S2HEL-30D | S4HEL-30D | S8HEL-30D | —         |
| <b>[H]</b> Horizontal Elbow 30° and Cover    | S2HEL-3DC | S4HEL-3DC | S8HEL-3DC | —         |
| Horizontal Elbow 45°                         | S2HEL-45D | S4HEL-45D | S8HEL-45D | SWHEL-45D |
| Horizontal Elbow 45° and Cover               | S2HEL-4DC | S4HEL-4DC | S8HEL-4DC | SWHEL-4DC |
| Horizontal Elbow 90°                         | S2HEL-90D | S4HEL-90D | S8HEL-90D | —         |
| <b>[I]</b> Horizontal Elbow 90° and Cover    | S2HEL-9DC | S4HEL-9DC | S8HEL-9DC | SWHEL-9DC |
| HORIZONTAL CROSSES                           |           |           |           |           |
| <b>[J]</b> Horizontal Cross                  | S2HCR-HCR | S4HCR-HCR | S8HCR-HCR | SWHCR-HCR |
| Horizontal Cross and Cover                   | S2HCR-HCC | S4HCR-HCC | S8HCR-HCC | SWHCR-HCC |

Dimensions listed as H x W.  
 2" x 4" and 2" x 8" components available by special order.  
 2" x 2" offered in yellow only.  
 Color: Yellow is standard. Orange and Black are special order and require additional lead time.

