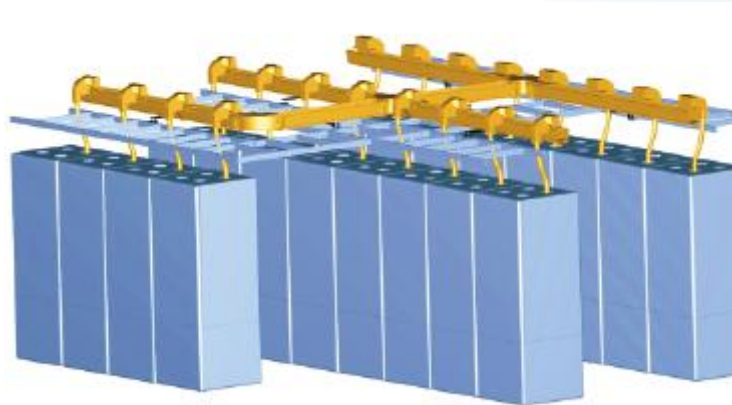


# Overhead Optical Pathway Systems (OOPS)



High Overhead Optical Pathway Systems (OOPS) are designed to protect and route fiber optic patch cords, cable assemblies to and from network cabinets, ODF and other terminal devices. Optical cable tray offers ideal solutions for optical raceway requirements & application with pleasing appearance and easy maintenance

## Features

- Faster Deployment
- Quick, Easy & Speedy Installation
- Optical Fiber Protection
- Modular & Flexibility Optical Pathway Systems
- Durable and Strong System
- Constructed with Frame-retardant materials rated V0
- Tool-less design to enhance the system for easy and quick installation including snap-on Cover, hinged over option as well as quick exists
- Available in five sizes.
- Slotted ducking ideal for cable with varying exit locations
- Maintains bend radius & safe routes & guides optical fiber cables

## Mechanical Specifications

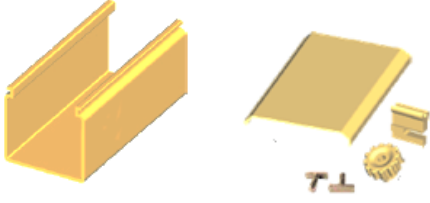
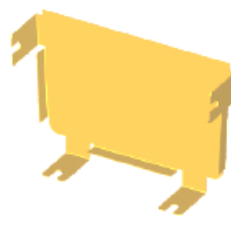
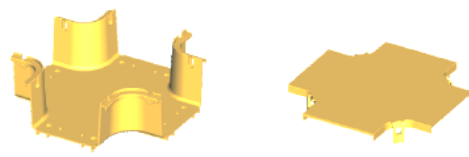
|                                    |                   |
|------------------------------------|-------------------|
| Material                           |                   |
| Straight Section                   | : PVC             |
| Other Plastic Parts                | : ABS             |
| Sizes                              | : 2"x2" to 4"x12" |
| Color                              | : Yellow          |
| Standard length (straight section) | : 2M              |

# Overhead Optical Pathway Systems (OOPS)

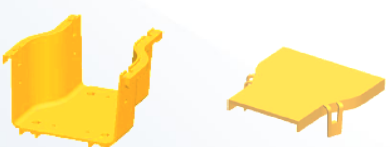
## Cable Fill Ratio Guide

| Accumulated Height | Specifications & Cable Diameter |      |               |      |               |      |                |      |                |      |
|--------------------|---------------------------------|------|---------------|------|---------------|------|----------------|------|----------------|------|
|                    | 2"x 2" Systems                  |      | 4"x4" Systems |      | 4"x6" Systems |      | 4"x10" Systems |      | 4"x12" Systems |      |
|                    | 2 mm                            | 3 mm | 2 mm          | 3 mm | 2 mm          | 3 mm | 2 mm           | 3 mm | 2 mm           | 3 mm |
| 5 cm               | 408                             | 176  | 816           | 352  | 1224          | 528  | 2040           | 880  | 2448           | 1056 |
| 7.5 cm             | -                               | -    | 1224          | 528  | 1836          | 792  | 3060           | 1320 | 3672           | 1584 |
| 11 cm              | -                               | -    | 1632          | 704  | 2448          | 1056 | 4080           | 1760 | 4896           | 2112 |

## Components

|                                                                                                                          |                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Straight Section with Cover</b><br> | <b>End Cap</b><br>                     |
| <b>Connector Kit S</b><br>            | <b>Connector Kit C</b><br>            |
| <b>Horizontal T with Cover</b><br>    | <b>Horizontal Cross with Cover</b><br> |

# Overhead Optical Pathway Systems (OOPS)

|                                                                                                                            |                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>90° Horizontal Elbow with Cover</b>    | <b>45° Down Elbow with Cover</b>  |
| <b>45° Up Elbow with Cover</b>            | <b>90° Down Elbow with Cover</b>  |
| <b>45° Horizontal Elbow with Cover</b>  | <b>Storage Tray with Cover</b>  |
| <b>Reducer with Cover</b>               | <b>Express Dropout</b>         |
| <b>Support Brackets</b>                 | <b>Flexible Pipe</b>           |

(Note: Images are shown only for Reference. Size may vary)

# Overhead Optical Pathway Systems (OOPS)

## Ordering Information

| Product Code       | Description                                                          |
|--------------------|----------------------------------------------------------------------|
| <b>2"x2" OOPS</b>  |                                                                      |
| 45000-000X         | Straight section                                                     |
| 45040-0001         | End Cap for Straight section                                         |
| 45010-000X         | Elbow                                                                |
|                    | E - Type (0 - 90° Horizontal, 3 - 90° Down, 7 - 90° up)              |
| 45020-000X         | Horizontal T                                                         |
| 45050              | Connector Kit S                                                      |
|                    | X - Cover (0 – with cover, 1 – only cover, 2 – without cover)        |
| <b>4"x4" OOPS</b>  |                                                                      |
| 45100-000X         | Straight section                                                     |
| 45140-0001         | End Cap for Straight section                                         |
| 4511E-000X         | Elbow                                                                |
|                    | E - Type (0 - 90° Horizontal, 1- 45° down, 2 - 45° Up, 3 - 90° Down) |
| 45120-000X         | Horizontal T                                                         |
| 45130-000X         | Horizontal cross                                                     |
| 4515E              | Connector Kit, (E = 0 - Kit S, 1 - Kit C)                            |
| 45160-000X         | Storage Tray                                                         |
|                    | X - Cover (0 – with cover, 1 – only cover, 2 – without cover)        |
| <b>4"x6" OOPS</b>  |                                                                      |
| 45200-000X         | Straight section                                                     |
| 45240-0001         | End Cap for Straight section                                         |
| 4521E-000X         | Elbow                                                                |
|                    | E - Type (0 - 90° Horizontal, 1- 45° down, 2 - 45° Up, 3 - 90° Down) |
| 45220-000X         | Horizontal T                                                         |
| 45230-000X         | Horizontal cross                                                     |
| 4525E              | Connector Kit, (E = 0 - Kit S, 1 - Kit C)                            |
| 45260-000X         | Storage Tray                                                         |
|                    | X - Cover (0 – with cover, 1 – only cover, 2 – without cover)        |
| <b>4"x10" OOPS</b> |                                                                      |
| 45300-000X         | Straight section                                                     |
| 45340-0001         | End Cap for Straight section                                         |
| 45310-000X         | 90° Horizontal Elbow                                                 |
| 45320-000X         | Horizontal T                                                         |
| 45330-000X         | Horizontal cross                                                     |
| 4535E              | Connector Kit, (E = 0 - Kit S, 1 - Kit C)                            |
|                    | X - Cover (0 – with cover, 1 – only cover, 2 – without cover)        |

# Overhead Optical Pathway Systems (OOPS)

## Ordering Information

| Product Code       | Description                                                                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>4"x12" OOPS</b> |                                                                                                                                                                 |
| 45400-000X         | Straight section                                                                                                                                                |
| 45440-0001         | End Cap for Straight section                                                                                                                                    |
| 4541E-000X         | Elbow<br>E - Type (0 - 90° Horizontal, 1- 45° down, 2 - 45° Up, 3 - 90° Down, 4 - 45° Horizontal)                                                               |
| 45420-000X         | Horizontal T                                                                                                                                                    |
| 45430-000X         | Horizontal cross                                                                                                                                                |
| 4545E              | Connector Kit, (E = 0 - Kit S, 1 - Kit C)                                                                                                                       |
|                    | X - Cover (0 – with cover, 1 – only cover, 2 – without cover)                                                                                                   |
| 45C15-000X         | Express dropout,<br>C = size (1 - 4"x4", 2 - 4"x6", 3 - 4"x10", 4 - 4"x12")<br>X = (0 - with Trumpet Flare, 1 - with 1 hole, 2 – with 2 holes, 3 – with 3 hole) |
| 4597E-000X         | Reducer<br>E – size (0 – 6"to 4", 1 - 10" to 6", 2- 12" to 6")<br>X - Cover (0 – with cover, 1 – only cover, 2 – without cover)                                 |
| 4599E              | Support Bracket<br>E- Type (0 - Anchor Bracket, 1 - Wall, 2 - Rack, 3 - Trapeze Bracket, 4 - Floor)                                                             |
| 45996-000X         | Flexible Pipe<br>X = (1 - 80mm for 1 Hole, 2 - 35mm for 2 Hole, 3 - 35mm for 3 Hole)                                                                            |

\*Connector Kit S: Used for Straight Section

Includes Connector, Fixing Nob, Bolt

\*Connector Kit C: Used for other parts except Straight Section

Includes Connector, fixing Nob, Bolt, M6\* 25hexagonal bolt, inner hexagonal screw, Pull Rod

\*\* Quantity and connector size will vary based on straight section