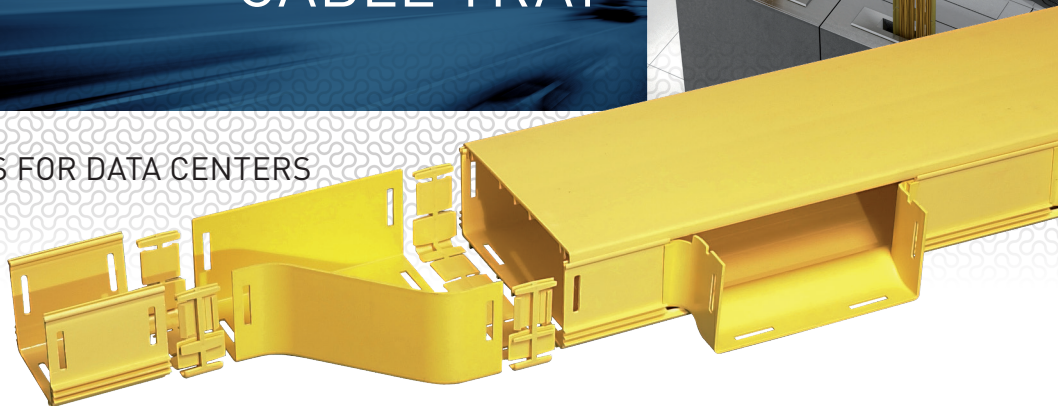


# FIBER RACEWAY CABLE TRAY

INTEGRATED SOLUTIONS FOR DATA CENTERS



THE **GLOBAL SPECIALIST**  
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES





# A DEDICATED PATH

## FOR AN EFFICIENT INSTALLATION

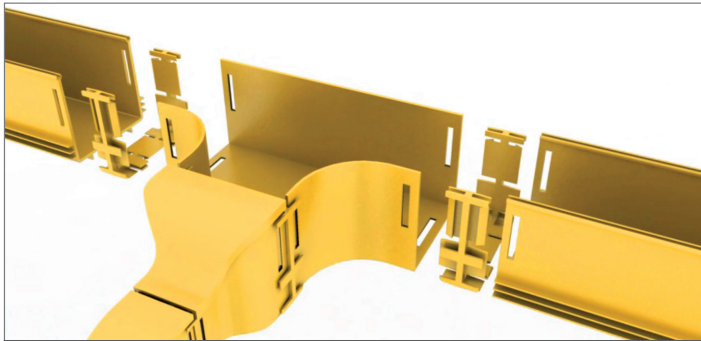
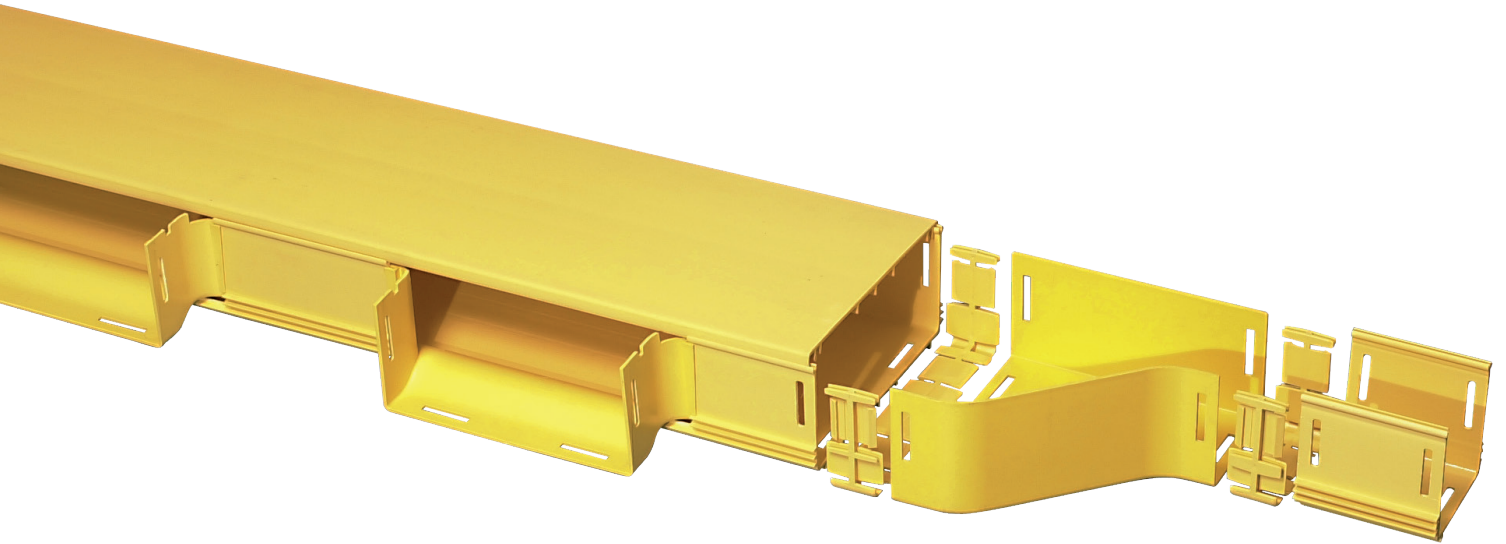


**The Legrand Group boosts its offer for data centers with its innovative LCS<sup>3</sup> Fiber Raceway system! Dedicated to digital data distribution, the Fiber raceway cable tray is the ideal solution to ensure an optimal optical fiber cabling and a highly efficient network at all times.**

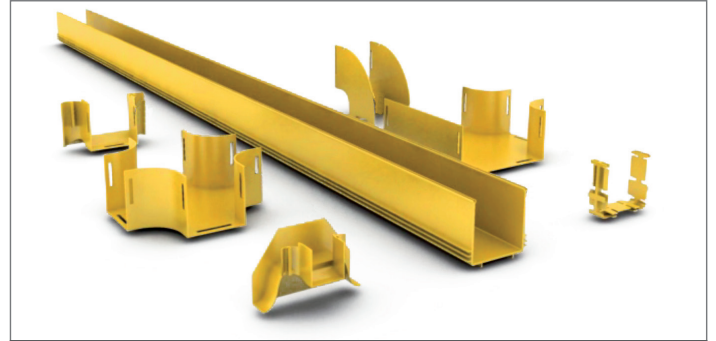
Around half of today's network problems are caused by inadequate cabling infrastructure. With Fiber Raceway, you are sure to benefit from a reliable, durable and scalable infrastructure enabling you to efficiently isolate and protect your fiber optic cables! Besides, Fiber Raceway is a flexible and modular system that allows work to be done quickly on the network with minimal disconnection times.

# FIVE IMPORTANT SALES ARGUMENTS

## AT A GLANCE FOR USING FIBER RACEWAY



EASY INSTALLATION



7 BASIC ELEMENTS

### 1. CABLE MANAGEMENT SYSTEM

With the strong growing demand of fibers, fiber cords need to be segregated from copper services and routed in an enclosed duct raceway system, fulfilling following demands:

- bright distinctive duct color: Yellow
- protection against compression
- protection against bend radius
- available sizes 50 mm, 100 mm, 220 mm, 300 mm and 600 mm

### 2. MEETS IMPORTANT STANDARDS

- Low smoke Zero Halogen, self-extinguishing. Avoiding risk of harming staff and transmission equipment
- UL94-V-0 (50 mm UL94-V-1) rated
- ROHS Compliant
- UL2024A Standard rated

### 3. EASY & TIME SAVING INSTALLATION

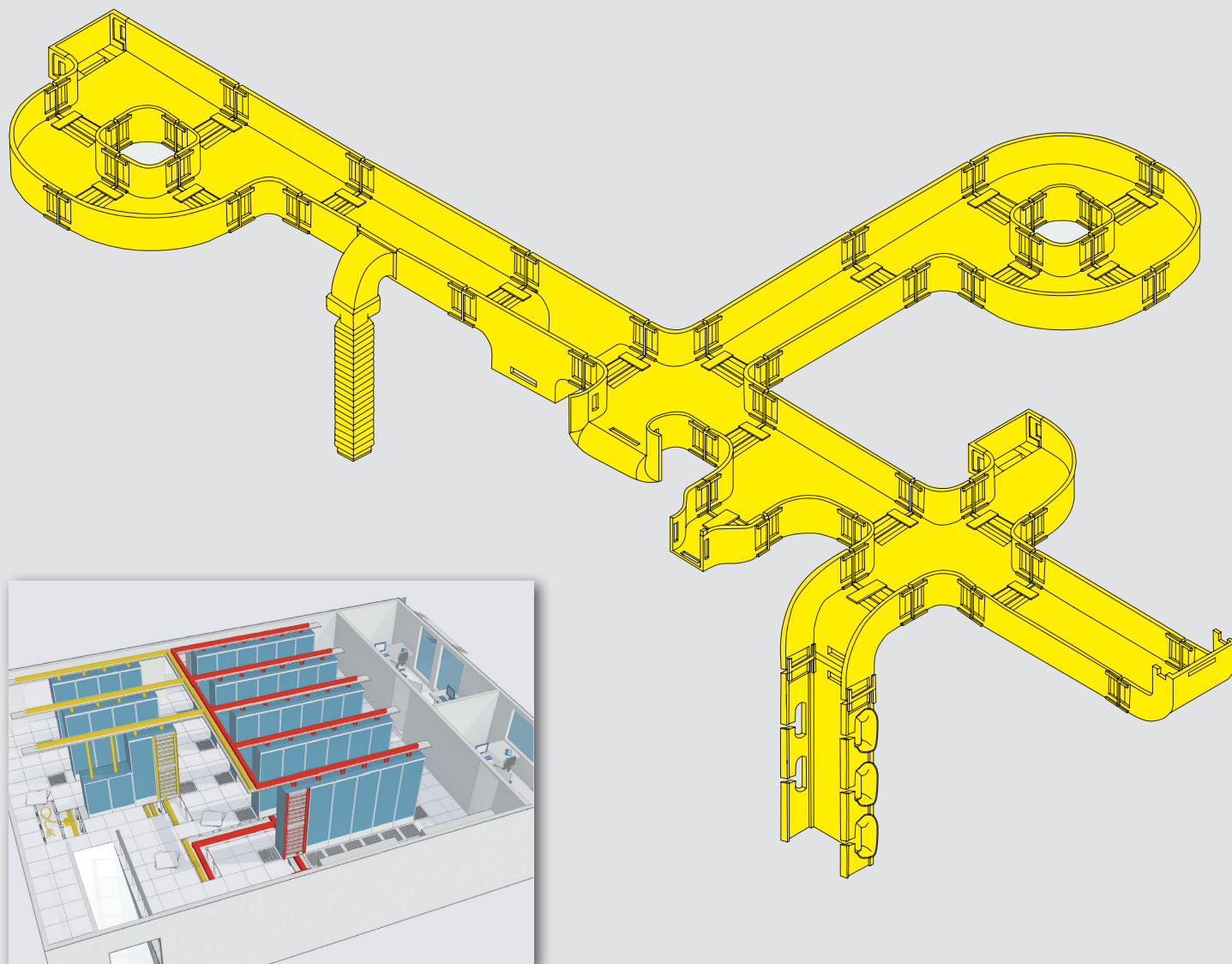
Pre-slotted duct and accessories simply snap together with slotted or slotless joiners, express outlets, break out kits.

### 4. ZERO DOWN TIME

Fiber Raceway can easily be changed or extended without the need to remove the existing fiber or shut down.

### 5. FULLY RECYCLABLE

The granulate Noryl used for Fiber Raceway is fully recyclable (Cradle to cradle). Very important issue for future datacenters.



### Program

| Duct size (mm)                | 50x50         |       |       | 100x100      |       |       | 220x100      |       |       | 300x100      |       |       | 600x100 |       |       |
|-------------------------------|---------------|-------|-------|--------------|-------|-------|--------------|-------|-------|--------------|-------|-------|---------|-------|-------|
| Optical cable size (mm)       | 3             | 2-2.4 | 1.6-2 | 3            | 2-2.4 | 1.6-2 | 3            | 2-2.4 | 1.6-2 | 3            | 2-2.4 | 1.6-2 | 3       | 2-2.4 | 1.6-2 |
| Straight duct                 | 120           | 155   | 265   | 500          | 700   | 1200  | 1100         | 1500  | 2500  | 1500         | 2100  | 3600  | 3000    | 4200  | 7200  |
| Over-the-top outlet           | 100           | 120   | 200   | 300          | 400   | 700   | -            | -     | -     | -            | -     | -     | -       | -     | -     |
| Duct with ramp-off            | -             | -     | -     | 300          | 400   | 700   | 720          | 1000  | 1700  | -            | -     | -     | -       | -     | -     |
| Vertical tee-straight-through | -             | -     | -     | 500          | 700   | 1200  | 300          | 400   | 700   | -            | -     | -     | -       | -     | -     |
| Vertical tee-downspout-drop   | -             | -     | -     | 500          | 700   | 1200  | 500          | 700   | 1200  | -            | -     | -     | -       | -     | -     |
| Convolted tubing              | Split 200mm Ø |       |       | Split 38mm Ø |       |       | Split 50mm Ø |       |       | 50x50 square |       |       |         |       |       |
| Optical cable size (mm)       | 3             | 2-2.4 | 1.6-2 | 3            | 2-2.4 | 1.6-2 | 3            | 2-2.4 | 1.6-2 | 3            | 2-2.4 | 1.6-2 |         |       |       |
| Tubing capacity               | 10            | 12    | 20    | 24           | 30    | 50    | 60           | 80    | 135   | 120          | 155   | 265   |         |       |       |

### Capacity

The capacity listed above is recommended to ensure no damages will occur to the cords due to crushing. This is not the number of optical fiber cords that Fiber Raceway will accommodate if completely filled.

### Selecting the Ducting - Raceway size

Fiber Raceway is available in five sizes. It is most important to select a size that allows for expansion and future additions to the ducting system.

All too often, cable systems are underspecified in order to reduce installation costs. In this world of the ever increasing need for the storage and processing of data, it is false economy to just specify for existing needs. It is ultimately most cost-effective to provide for the future and over-specify when it comes to capacity.

# Legrand Fiber Raceway

configure your system

| SOLID DUCTS, JOINERS AND HORIZONTAL ELBOWS |                |   |               |                        |                 |                |               |
|--|----------------|---|---------------|------------------------|-----------------|----------------|---------------|
|  |                |   | Solid ducts   | Solid ducts with cover | Slotted joiners | Slotting tools |               |
|  |                |   | Length 2000mm | Length 2000mm          | Tool required   | Hand-operated  | Foot-operated |
|  |                |   |               |                        |                 |                |               |
|  | <b>50x50</b>   | ● | TC1279-81     | TC1279-81XA            | TC1279-73       | TC1279-118     | -             |
|  | <b>100x100</b> | ● | TC1279-23     | TC1279-23ASN           | TC1279-27       | TC1279-51      | TC1279-500KIT |
|  | <b>220x100</b> | ● | TC1279-21     | TC1279-21ASN           | TC1279-25       |                |               |
|  | <b>300x100</b> | ● | TC1279-275    | TC1279-275A            | TC1279-320KIT   |                |               |
|  | <b>600x100</b> | ● | TC1279-406NS  | -                      | -               | -              | -             |
| <b>Fixing with joiners</b>                 |                |   | 1x            | 1x                     |                 |                |               |

| VERTICAL ELBOWS, TEES, CROSSES AND END CAPS |                |   |                                 |                |               |                                   |                |             |
|---|----------------|---|---------------------------------|----------------|---------------|-----------------------------------|----------------|-------------|
|   |                |   | Vertical elbows up (with cover) |                |               | Vertical elbows down (with cover) |                |             |
|   |                |   | 30°                             | 45°            | 90°           | 30°                               | 45°            | 90°         |
|   |                |   |                                 |                |               |                                   |                |             |
|   | <b>50x50</b>   | ● | -                               | TC1279-143-45A | TC1279-143A   | TC1279-87-30A                     | TC1279-87-45A  | TC1279-87A  |
|   | <b>100x100</b> | ● | TC1279-113-30A                  | TC1279-113-45A | TC1279-113A   | TC1279-111-30A                    | TC1279-111-45A | TC1279-111A |
|   | <b>220x100</b> | ● | TC1279-125-30A                  | TC1279-125-45A | TC1279-125A   | TC1279-123-30A                    | TC1279-123-45A | TC1279-123A |
|   | <b>300x100</b> | ● | -                               | TC1279-283A    | TC1279-298KIT | -                                 | TC1279-285A    | TC1279-193A |
|   | <b>600x100</b> | ● | -                               | -              | -             | -                                 | -              | -           |
| <b>Fixing with joiners</b>                  |                |   | 1x                              | 1x             | 1x            | 1x                                | 1x             | 1x          |

1 : Vertical 220mm drop-off module in a 300mm horizontal duct

## Ducting joiner options

The Fiber Raceway system has 2 option methods for joining the components together: slotted joiners or slotless joiners.

**Slotted joiners** require the ducting components to have slots on the ends so that it can be properly joined by clicking into place. A slotting tool will be required.

| Slotted joiners | Slotting tool |               | Saw kit   |
|-----------------|---------------|---------------|-----------|
| Tool required   | Hand-operated | Foot-operated | Mitre box |
|                 |               |               |           |

Note: For straight ducting Fiber Raceway that has been cut to length, new slots need to be made with a suitable size slotting tool.

| Slotless joiners           |              | Saw kits      | Horizontal elbows (with cover) |               |             |
|----------------------------|--------------|---------------|--------------------------------|---------------|-------------|
| No slotting tool required  |              | Mitre box     | 30°                            | 45°           | 90°         |
|                            |              |               |                                |               |             |
| -                          |              | TC1279-118-07 | TC1279-77-30A                  | TC1279-77-45A | TC1279-77A  |
| TC1279-248A                | TC1279-MITRE | -             | TC1279-47A                     | TC1279-31-45A | TC1279-31A  |
| TC1279-250A                |              |               | TC1279-45A                     | TC1279-29-45A | TC1279-29A  |
| TC1279-287A                |              |               | -                              | TC1279-304A   | TC1279-387A |
| TC1279-410A                |              |               | -                              | TC1279-414    | TC1279-411A |
| No slotting tools required |              | -             | 1x                             | 1x            | 1x          |

| Horizontal tees | Vertical tees              | Crosses     | Transforming crosses             | End caps   |            |
|-----------------|----------------------------|-------------|----------------------------------|------------|------------|
| With cover      | With cover                 | With cover  | With cover                       | Slotted    | Slotless   |
|                 |                            |             |                                  |            |            |
| TC1279-75A      | TC1279-145A                | TC1279-139A | -                                | TC1279-127 | -          |
| TC1279-03A      | TC1279-63A                 | TC1279-71A  | TC1279-65A (100x100 to 220x100)  | TC1279-57  | TC1279-251 |
| TC1279-01A      | TC1279-11A                 | TC1279-61A  | TC1279-331A (220x100 to 300x100) | TC1279-56  | TC1279-252 |
| TC1279-279A     | TC1279-277A <sup>(1)</sup> | TC1279-300A | TC1279-396A (300x100 to 100x100) | -          | TC1279-288 |
| TC1279-412      | -                          | TC1279-416  | -                                | TC1279-435 | -          |
| 2x              | 2x                         | 2x          | 2x  note: different width        | 1x         |            |

**Slotless joiners** require no additional tool, nor for slots to be made on the side of the duct. They only require a screwdriver for installation to tighten the joiner into place.

| Slotless joiners          | Saw kit   |             |
|---------------------------|-----------|-------------|
| No slotting tool required | Mitre box | Screwdriver |
|                           |           |             |

# Legrand Fiber Raceway

configure your system (continued)

| REDUCERS, SUPPORT BRACKETS AND OUTLETS |                  |                              |                          |                                |                           |
|--|------------------|------------------------------|--------------------------|--------------------------------|---------------------------|
|  |                  | Reducers with cover          | Reducers with cover      |                                | Duct end support brackets |
|  |                  |                              | Left hand                | Right hand                     |                           |
|  |                  |                              |                          |                                |                           |
|  | <b>50x50</b> ●   | TC1279-91A (50x50 - 100x100) |                          |                                | TC1279-127F               |
|  | <b>100x100</b> ● |                              | TC1279-07A (100-220x100) | TC1279-05A (100x100 - 220x100) | TC1279-57D                |
|  | <b>220x100</b> ● | -                            |                          |                                | -                         |
|  | <b>300x100</b> ● | TC1279-281A (300-220x100)    | -                        | -                              | -                         |
|  | <b>600x100</b> ● | TC1279-408 (300-600x100)     | -                        | -                              | -                         |
| <b>Fixing with joiners</b>             |                  | 1x                           | 1x                       | 1x                             | -                         |

| DROP-OFF SOLUTIONS, HIGH CAPACITY DUCT OUTLETS AND TUBES |                  |                          |                    |                            |                      |
|--|------------------|--------------------------|--------------------|----------------------------|----------------------|
|  |                  | Fiber drop-off solutions |                    | High capacity duct outlets |                      |
|  |                  | See conduit 50mm         | See square conduit | Without convoluted tube    | With convoluted tube |
|  |                  |                          |                    |                            |                      |
|  | <b>50x50</b> ●   | TC1279-41KIT             | TC1279-89KIT       | -                          | -                    |
|  | <b>100x100</b> ● |                          |                    | TC1279-452A                | TC1279-452KIT        |
|  | <b>220x100</b> ● |                          |                    | TC1279-454A                | TC1279-454KIT        |
|  | <b>300x100</b> ● |                          |                    | -                          | -                    |
|  | <b>600x100</b> ● |                          |                    | -                          | -                    |
| <b>Fixing with joiners</b>                               |                  | -                        | -                  | 1x                         | -                    |



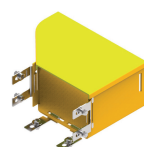
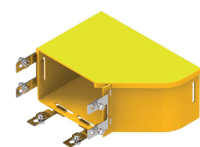
| BRAND ADAPTORS |                  |                 |                   |                   |                   |
|----------------|------------------|-----------------|-------------------|-------------------|-------------------|
|                |                  | ADC/CommScope   |                   |                   |                   |
|                |                  | ADC 4" -100x100 | ADC 6" 100-100 LH | ADC 6" 100-100 RH | ADC 6" 220-100 LH |
|                |                  |                 |                   |                   |                   |
|                | <b>50x50</b> ●   | -               | -                 | -                 | -                 |
|                | <b>100x100</b> ● | TC1279-109KIT   | TC1279-473KIT     | TC1279-472KIT     | -                 |
|                | <b>220x100</b> ● | -               | -                 | -                 | TC1279-149KIT     |
|                | <b>300x100</b> ● | -               | -                 | -                 | -                 |
|                | <b>600x100</b> ● | -               | -                 | -                 | -                 |

1: Fiber Raceway tubing is used for feeding entering or exiting fibers from the ducting raceway into equipment racks. Tubes are convoluted or ribbed to allow adjustment if drops cannot be positioned exactly over or under equipment. Some are available with removable covers, or split for ease of cable installation.



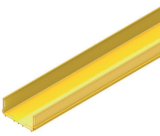




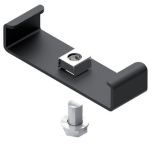
| Over-the-top outlets  |   |  |  | Trumpet outlets |
|---|---|--|--|-----------------|
| 50x50 down  | 100x100 down  | 100x100 horizontal   |  |                 |
|  |  |  |     |                 |
| TC1279-531ASL   | TC1279-307ASL   | TC1279-290ASL  | TC1279-93A   |                 |
|   |   |  | TC1279-218A  |                 |
|   |   |  | TC1279-330A  |                 |
|   |   |  | TC1279-379A  |                 |
| -   | -   | -  | 1x  |                 |

| Cut-out jig   | Tubing <sup>(1)</sup>   |   |   |
|---|---|---|---|
|   | Conduit 50mm  | Square 50x50 (L: 350mm)   | Square openable (L: 350mm)  |
|  |  |  |  |
| TC1279-483A   | TC1279-26Y (1 m)<br>TC1279-53Y (2 m)  | TC1279-85YEL  | TC1279-85KIT  |
| -   | Use with: TC1279-41KIT  | Use with: TC1279-89KIT  | Use with: TC1279-89KIT  |













| ADC/CommScope   |   | Panduit  |   |
|---|---|--|---|
| ADC 6" 220-100 RH   | ADC 12" 300-100   | 6" - 220x100 LH  | 6" - 220x100 RH   |
|  |  |  |  |
| -   | -   | -  | -   |
| -   | -   | -  | -   |
| TC1279-150KIT   | TC1279-327KIT   | TC1279-487KIT  | TC1279-486KIT   |
| -   | -   | -  | -   |

# Legrand Fiber Raceway

configure your system (continued)

| SUSPENSION BRACKETS  |   |   |   |  |   |   |
|--|---|---|---|--|---|---|
|  |   | Cabinet suspension kits   | Ceiling suspension kits   |  |   | Universal mounting hardware   |
|  |   | Raised mounting kit   | C-clamp   | Ladder rack mounting kit   | Ceiling suspension bracket  | Duct mounting brackets  |
|  |   |  |  |  |  |  |
| <b>50x50</b>   | ● | TC1279-129KIT   | 347279  | -  | -   | CLIP2-50  |
| <b>100x100</b>   | ● | TC1279-14A  | 347280  | TC1279-155KIT  | TC1279-107KITA  | TC1279-16MH   |
| <b>220x100</b>   | ● | TC1279-13A  | 347283  | TC1279-155KIT  | TC1279-106KITA  | TC1279-15MH   |
| <b>300x100</b>   | ● | TC1279-297BKIT  | 347283  | TC1279-370KIT  | TC1279-297AKIT  | TC1279-297MH  |
| <b>600x100</b>   | ● | -   | -   | -  | -   | TC1279-438KIT   |

## MOUNTING SOLUTIONS

| Ceiling suspension brackets   | Raised mounting kits  | Ladder rack and Unistrut mounting kits  |
|---|---|---|
|  <p><b>TC1279-107KITA</b><br/>Consists of:<br/>1 x Duct mounting bracket 100mm<br/>1 x Straight bracket<br/>2 x Threaded rod 12mm x 400mm<br/>8 x Nuts<br/>1 x Bolt 12mm x 13mm<br/>9 x Washers</p> |  <p>This mounting kit is used for supporting 50 mm duct above or below cabinets or iron work</p>   |    |
|  <p><b>TC1279-106KITA</b><br/>Consists of:<br/>1 x Duct mounting bracket 220mm<br/>1 x Straight bracket<br/>2 x Threaded rod 12mm x 400mm<br/>8 x Nuts<br/>1 x Bolt 12mm x 13mm<br/>9 x Washers</p> |  <p><b>TC1279-129KIT</b><br/>Consists of:<br/>1 x Mounting plate 50mm<br/>1x 2 part Hook &amp; Loop adhesive<br/>1 x Treaded rod 12mm x 400mm<br/>4 x Nuts<br/>4 x Washers</p>   |  <p><b>TC1279-155KIT</b><br/>Consists of:<br/>1 x Bracket<br/>1 x Clamp bracket<br/>2 x Washers, Nuts &amp; Bolts</p> <p>To be used with 100, 220 and 300mm duct mounting kits</p> |
|  <p><b>TC1279-297AKIT</b><br/>Consists of:<br/>1 x Duct mounting bracket 300mm<br/>2 x 1/2" UNC Threaded rods, 1m long<br/>8 x 1/2" hex. Nuts<br/>8 washers</p>                                     |  <p><b>TC1279-14A</b><br/>Consists of:<br/>1 x Duct mounting bracket 100mm<br/>1 x Threaded rod 12mm x 400mm<br/>3 x Nuts<br/>3 x Washers<br/>1 x Protective tube</p>  |  <p><b>TC1279-370KIT</b><br/>Consists of:<br/>Large ladder rack mounting kit</p> <p>To be used with 100, 200 and 300mm duct mounting kits</p>                                      |
|   |  <p><b>TC1279-13A</b><br/>Consists of:<br/>1 x Duct mounting bracket 220mm<br/>1 x Threaded rod 12mm x 400mm<br/>3 x Nuts<br/>3 x Washers<br/>1 x Protective tube</p>  |   |
|   |  <p><b>TC1279-297BKIT</b><br/>Consists of:<br/>1 x Duct mounting bracket 300mm<br/>2 x Straight bracket<br/>2 x Threaded rod 5/8" UNC x 300mm<br/>8 x Nuts 5/8" and 2 x Nuts 1/2"<br/>2 x Bolts 1/2" x 13mm<br/>12 x Washers</p> |   |

# Legrand Fiber Raceway

## threaded rod suspensions



348049



343930



345200

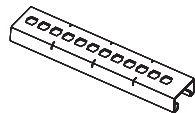
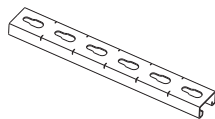


343770



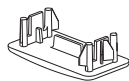
348576

| Pack | Cat.Nos | Rails  |
|------|---------|--|
|      |         | Trapeze suspension M10/M12<br>Perforating distance: 15mm |
|      |         | <b>R21S 41x21x1,5</b>                                    |
|      |         | Length   |
| 1    | 348042  | 200 mm   |
| 1    | 348043  | 300 mm   |
| 1    | 348044  | 400 mm   |
| 1    | 348045  | 500 mm   |
| 1    | 348046  | 600 mm   |
| 1    | 348047  | 700 mm   |
| 1    | 348040  | 1000 mm  |
| 1    | 348041  | 2000 mm  |
| 1    | 342180  | 3000 mm  |
|      |         | <b>R21SP 41x21x2</b>                                     |
| 1    | 348049  | 3000 mm  |

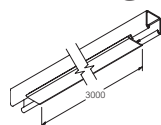


| Pack | Cat.Nos | Rail struts                                |
|------|---------|--|
| 1    | 343610  | Length 3000 mm<br>Profile R41SP 41x41x 1,5 |
| 1    | 343930  | Length 3000 mm<br>Profile R41SP 41x41x 2   |
| 1    | 345200  | Length 3000 mm<br>Profile R41S 41x41x 2,5  |
| 1    | 345260  | Length 6000 mm<br>Profile R41S 41x41x 2,5  |
| 1    | 343770  | Length 3000 mm<br>Profile R41DP 41x82x2,5  |

| Pack | Cat.Nos | Protection end caps |
|------|---------|---------------------|
| 1    | 348576  | Profile R21S/R21SP  |
| 1    | 348577  | Profile R41S/R41SP  |



| Pack | Cat.Nos | Profile covers |
|------|---------|----------------|
|      |         | Length 3000m   |
| 1    | SC952   | For 41mm rail  |
| 1    | SC953   | For 21mm rail  |



| Pack | Cat.Nos | Threaded rods             |
|------|---------|---------------------------|
|      |         | Type   Length   Max. load |
| 1    | 8234206 | M6   3000 mm   2000 N     |
| 1    | 8234008 | M8   1000 mm   3000 N     |
| 1    | 8234108 | M8   2000 mm   3000 N     |
| 1    | 8234208 | M8   3000 mm   3000 N     |
| 1    | 8234000 | M10   1000 mm   5800 N    |
| 1    | 8234100 | M10   2000 mm   5800 N    |
| 1    | 8234200 | M10   3000 mm   5800 N    |



| Pack | Cat.Nos | Extension / Rod couplers |
|------|---------|--------------------------|
|      |         | Type   Max. load         |
| 1    | 8234508 | M8 x 30   3000 N         |
| 1    | 8234500 | M10 x 30   3000 N        |



| Pack | Cat.Nos | Flathead bolts |
|------|---------|----------------|
| 1    | 8200100 | M6 x 10        |
| 1    | 8713071 | M8 x 16        |



| Pack | Cat.Nos  | Flange nuts |
|------|----------|-------------|
| 1    | 8200200  | M6          |
| 1    | CM801211 | M8          |
| 1    | CM801221 | M10         |



| Pack | Cat.Nos | Hexagonal nuts |
|------|---------|----------------|
| 1    | 8019908 | M6             |
| 1    | 8313060 | M8             |
| 1    | 8200300 | M10            |



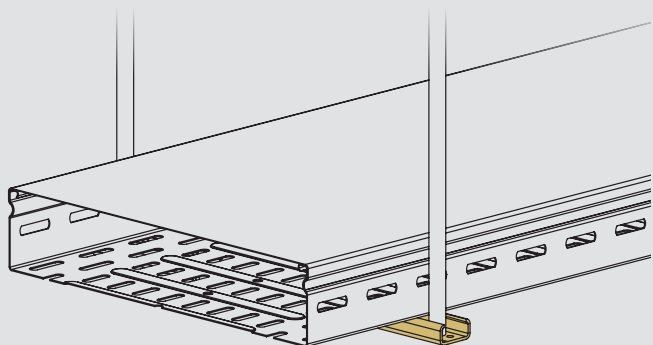
| Pack | Cat.Nos | Washers  |
|------|---------|--|
| 1    | 8200800 | M6 (6,4 x 18 x 1,6 mm)<br>M6 (6,6 x 22 x 2 mm) |
| 1    | 8313029 | M8 (8,4 x 20 x 1,5 mm)                         |
| 1    | 8313030 | M8 (8,4 x 25 x 2 mm)                           |
| 1    | 8200400 | M10 (10,5 x 21 x 2 mm)                         |
| 1    | 8313090 | M10 (10,5 x 30 x 2,5 mm)                       |
| 1    | 8313095 | M10 (10,5 x 40 x 2,5 mm)                       |



# Legrand Fiber Raceway

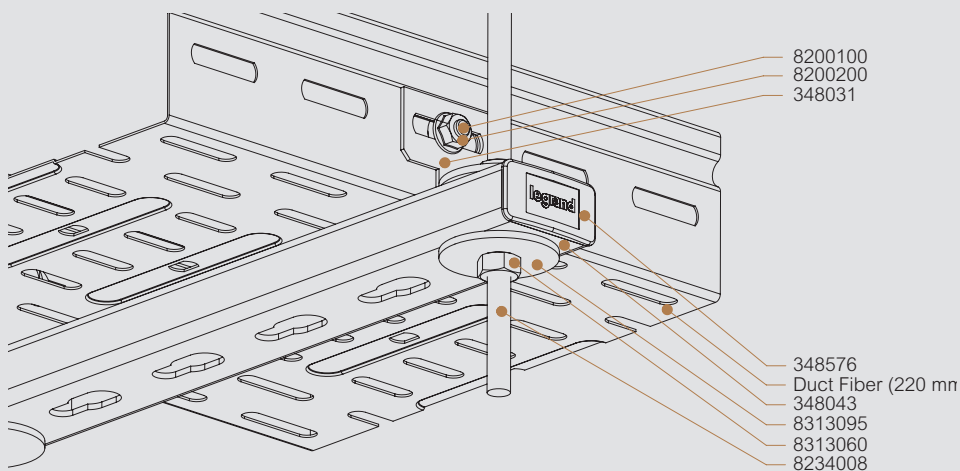
installation example and mounting instructions

■ Installation example with rail R21S / R21SP

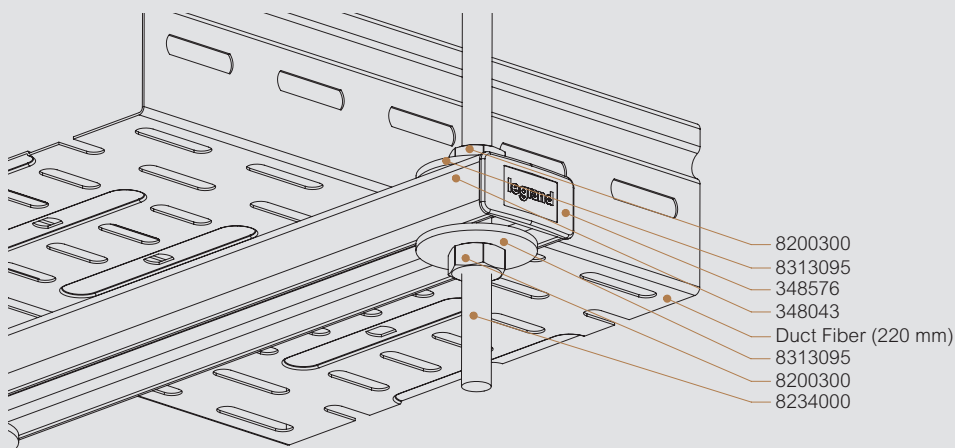


■ Mounting instructions on rail R21S

Option 1: Profile top □

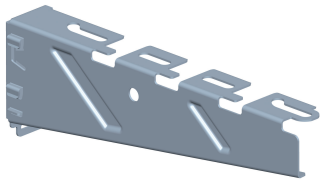


Option 2: Profile down ▭



# Legrand Fiber Raceway

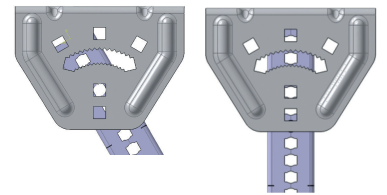
## threaded rod suspensions (continued)



350830



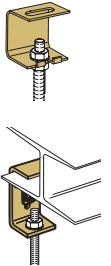
801951



348030

| Pack | Cat.Nos | <b>C-bracket / ceiling supports 600N</b>  |
|------|---------|---|
|      |         | Height 156mm<br>Fiber Raceway outside width = Width + 2cm   |
|      |         | Width   |
| 1    | 347279  | 75 mm   |
| 1    | 347280  | 100 mm  |
| 1    | 347281  | 150 mm<br>(for Fiber Raceway 100mm)   |
| 1    | 347282  | 200 mm  |
| 1    | 347283  | 300 mm<br>(for Fiber Raceway 220mm)   |
| 1    | 347284  | 400 mm<br>for Fiber Raceway 300mm)  |
|      |         |   |
|      |         | <b>CB consoles 800-2000N</b>  |
|      |         | Height 72-137mm<br>In combination with R21S/R41S(P), use 1x M8*16mm flathead bolt, nut and washer |
|      |         | Width   |
| 1    | 350800  | 50 mm   |
| 1    | 350810  | 100 mm  |
| 1    | 350820  | 150 mm  |
| 1    | 350830  | 200 mm  |
| 1    | 350840  | 300 mm  |
| 1    | 350850  | 400 mm  |
| 1    | 350860  | 500 mm  |
| 1    | 350870  | 600 mm  |
|      |         | <b>Channel nuts E41</b>   |
|      |         | To be used for mounting on R21 and R41 C-Profiles   |
| 1    | 801941  | M6  |
| 1    | 801951  | M8  |
| 1    | 801961  | M10   |
| 1    | 801971  | M12   |

| Pack | Cat.Nos | <b>Universal ceiling support</b>      |
|------|---------|---------------------------------------|
| 1    | 8232000 | 1500N                                 |
|      |         | <b>Ceiling support straight</b>       |
| 1    | 8232100 | 2500N                                 |
|      |         | <b>Flange clamps 1500N</b>            |
| 1    | 8232400 | Flange thickness 3-7mm                |
| 1    | 8232500 | Flange thickness 7-13mm               |
| 1    | 8232600 | Flange thickness 13-20mm              |
|      |         | <b>Adjustable headplate for R21S</b>  |
| 1    | 348030  | 6000N<br>Not suitable for R21SP rails |



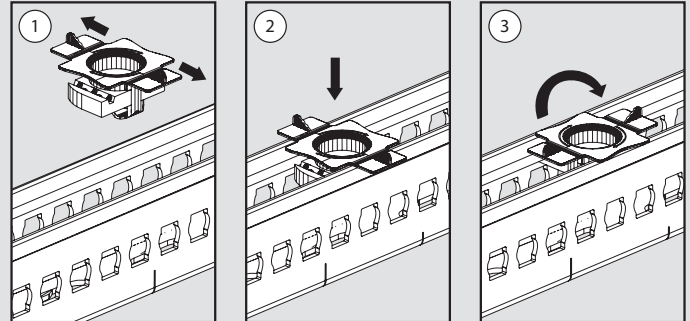
# Legrand Fiber Raceway

## technical characteristics

### Adjustable headplate for rails R21S (not suitable for R21SP)

|         |   |   |
|---------|---|---|
|         | <p>Installation on sloping ceiling<br/>Adjustable from -30° to +30°</p> | <p>Installation on straight ceiling</p> |
| Profile |   |   |
| R21S    | ✓   | ✓                                       |
| R21SP   | -   | -                                       |
| R41S    | ✓   | ✓                                       |
| U60     | ✓   | ✓                                       |

### Channel nut E41



For our full range, please see main catalogues of our cable management offer

|               |
|---------------|
| <b>PFR41S</b> |
|               |
| CM595380      |
| <b>PFN41S</b> |
|               |
| CM595360      |

|  |
|--|
| <b>Single channel gusseted bracket</b> |
|  |
| SB702(S)                               |

|  |     |          |
|--|-----|----------|
| <b>Beam clamp: mounting principles</b> |     |          |
|  |     |          |
| CM559023/SC853S                        | FL2 | SC855(S) |

# Legrand Fiber Raceway

## tooling components

### ■ Foot-operated slotter - TC1279-500

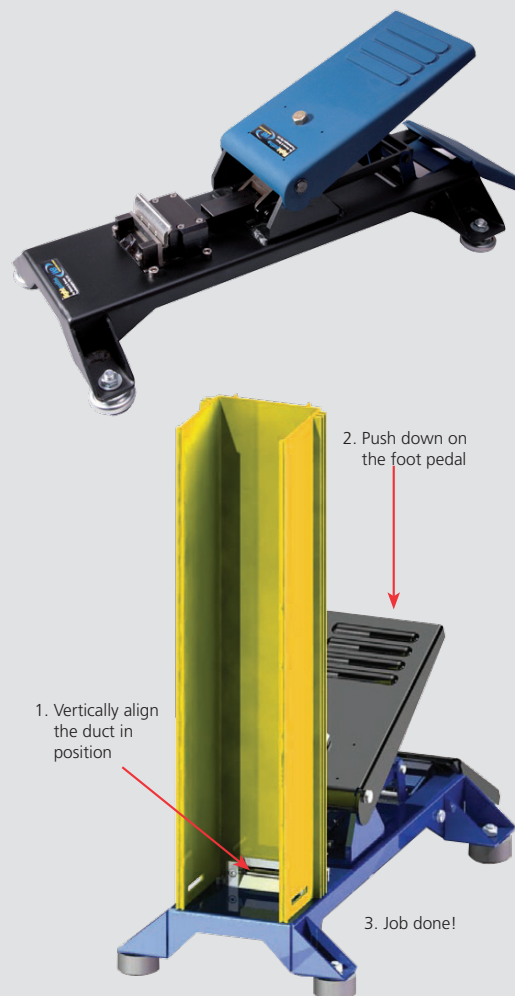
The foot-operated duct slotting tool is a means of making duct end slots easily, accurately and quickly in less than 1 minute to slot one end of a duct. By using a foot-operated system, a small effort is required to exert the large force necessary to make a slot. Both hands are free to hold the duct. The jaws are made of hardened carbon steel, for a long service life. To operate, place duct side or end within the tools cutting guides, hold duct down flush with top face of tool, and press foot-operated lever until a slot is made. Release the slotting punch, using the foot-operated release pedal. Remove and reposition duct for next slot. The slotting tool cuts a slot in the duct end to suit a standard joiner (Cat.Nos TC1279-25, TC1279-27 and TC1279-320KIT): available separately. The kit includes one foot-operated slotting tool and a metal tool box, for storage and transport, c/w a foam insert.

#### Features:

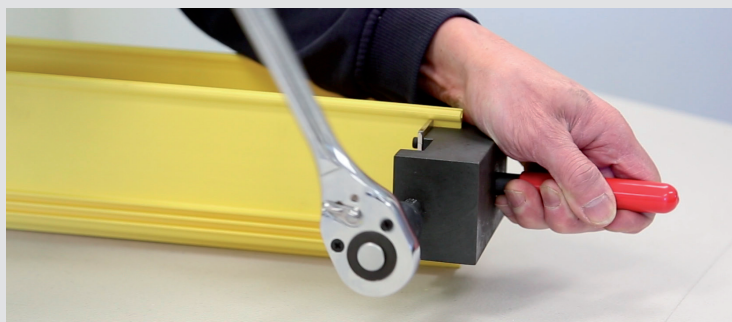
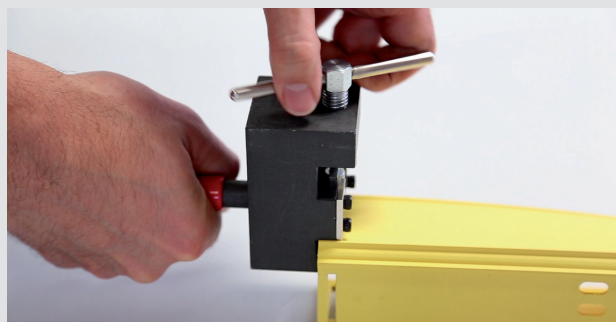
- For making duct end slots easily, accurately, simply, quickly and repeatedly
- Tool made from materials to ensure a long, reliable service life
- Tool has a lifting handle
- Metal tool box (for storage and transport, c/w foam insert) included

Slots the following duct sizes:

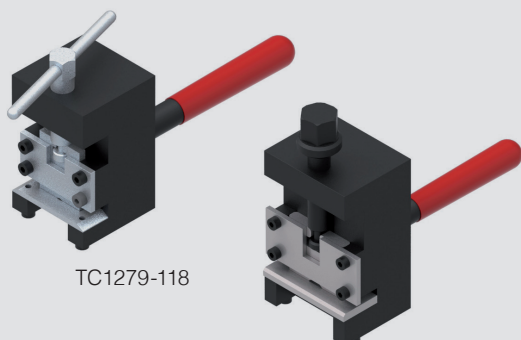
| Duct size | Cat.Nos    |
|-----------|------------|
| 100x100mm | TC1279-23  |
| 220x100mm | TC1279-21  |
| 300x100mm | TC1279-275 |



### ■ Hand-operated slotters - TC1279-118 & TC1279-51



The slotting tool is used to make a small slot at the bottom and on both sides at the ends of duct. This process is a simple mechanical means of preparing a shortened length duct for connection to another standard part: e.g. elbow, cross connector, tees, adaptor assembly, duct end or drop offs, etc.



TC1279-118

TC1279-51

| Cat.Nos    | Description                                  |
|------------|--|
| TC1279-51  | For 220x100mm, 300x100mm and 100x100mm ducts |
| TC1279-118 | For 50mm ducts                               |

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