

## GigaDuct - Fibre Raceway System

### Outlet Adaptor

#### Application/Product Description

Outlet adaptors are used to support best practice transition of cables vertically through the express waterfall outlet. An open void adaptor provides additional protection for the fibre drop, while conduit adaptors allow 32mm Gigaduct conduit to be secured in place to offer full protection of fibre cables dropping vertically in racks and cabinets

#### Features and Benefits:

- Provides positive transition of cables vertically
- Aids best practice cable management of fibre drop cables
- Conduit outlet adaptors and conduit ensures additional protection along the fibre cable length.

#### Technical Specifications:

**Product Type:** Outlet

**Colour:** Yellow

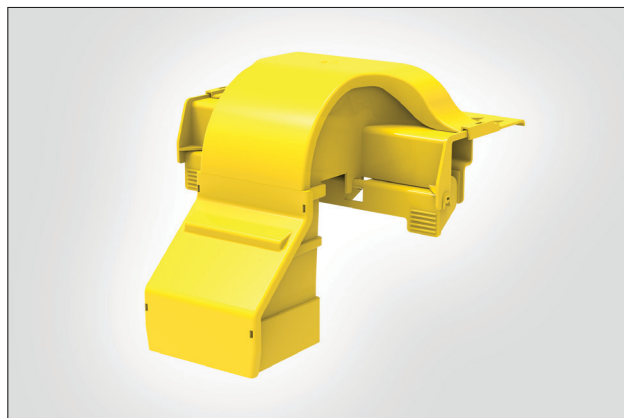
**Material:** Halogen-free

#### Material Standards:

- EN 61249-2-21, IEC 61249-2-21: Non-halogenated Material
- EN 60695-11-10, IEC 60695-11-10: Fire hazard testing
- UL94/V0 plastic flame-retardant
- Directive 2015/65/EU RoHS Compliant
- EC 1907/2006 REACH Compliant
- Suitable for riser and general-purpose applications

#### Performance Standards:

- EN 62368-1, IEC 62368-1: Safety Standard
- ANSI/TIA-942-B, Telecommunications Infrastructure Standard for Data Centres
- ANSI/TIA-569-B, Commercial Building Standard for Telecommunications Pathways and Spaces
- ANSI/UL 2024, Cable Routing Assemblies and Communications Raceways
- CAN/ULC-S143, Standard Method of Fire Tests for Non-Metallic Electrical and Optical Fibre Cable Raceway Systems
- NFPA 70 National Electrical Code (NEC)
- CSA C22.1 Canadian Electrical Code Part 1



100mm outlet adaptor for the express waterfall outlet.



50x50mm outlet adaptor.



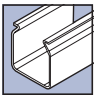
100x100mm outlet adaptor.

ADAPTOR

OUTLET

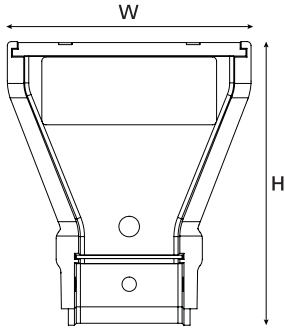
| PART CODE    | DUCT SIZE | Split Conduit Adaptor | Conduit size | Width (W) | Height (H) | Length (L) | UNS       |
|--------------|-----------|-----------------------|--------------|-----------|------------|------------|-----------|
| LG-SMF1D3-YL | 50        | Yes                   | 32           | 124       | 138        | 58.5       | 181-00424 |
| LG-SMF2D3-YL | 100       |                       | 32           |           |            |            | 181-00432 |
|              |           |                       |              |           |            |            |           |
| LG-SMX1D5-YL | 50        | No                    |              | 124       | 138        | 58.5       | 181-00425 |
| LG-SMX1DH-YL | 100       |                       |              |           |            |            | 181-00423 |

All measurements are in mm unless otherwise stated.

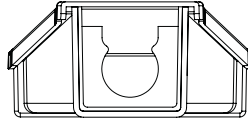


**Technical Diagrams:**

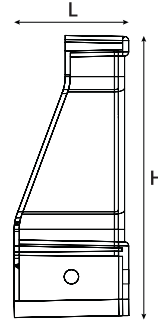
**50x50mm Outlet Adaptor with one flexible conduit**



Front View

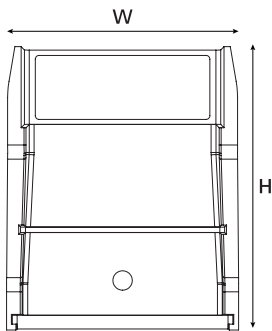


Top View

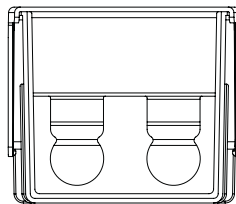


Side View

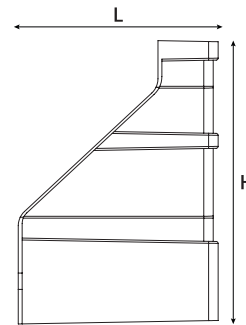
**100x100mm Outlet Adaptor with two flexible conduit**



Front View



Top View



Side View