

### GigaDuct - Fibre Raceway System

#### Manual Coupler

#### Application/Product Description

GigaDuct manual couplers are used to connect horizontal straight duct, elbows, T-junctions, intersections and reducers. This model of coupler requires the use of fixing hardware and hand tools to connect.

#### Features and Benefits:

- Supports traditional installation requirements
- Ideal for legacy duct installation moves, adds and changes.
- Designed for simplicity without compromising robustness and reliability
- Compatible with GigaDuct straight lengths and accessories
- Requires fixing hardware - sold separately.

#### Technical Specifications:

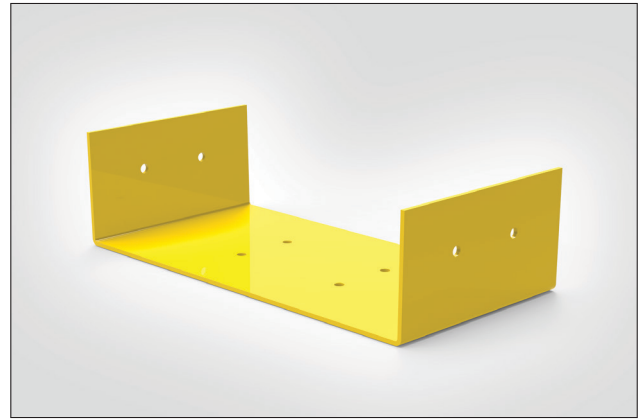
**Product Type:** Coupler

**Colour:** Yellow

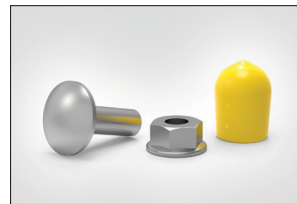
**Material:** Halogen-free

#### Material Standards:

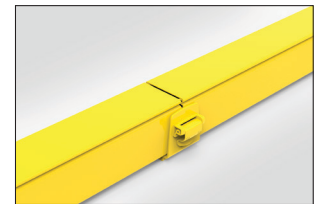
- EN 61249-2-21, IEC 61249-2-21: Non-halogenated Material
- EN 60695-11-10, IEC 60695-11-10: Fire hazard testing
- UL94/V0 plastic flame-retardant
- Directive 2015/65/EU RoHS Compliant
- EC 1907/2006 REACH Compliant
- Suitable for riser and general-purpose applications



Manual coupler 300mm.



M6 x 20mm coach bolt and nut kit and protective cap.



100mm tool-free coupler.

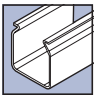
COUPLER

#### 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

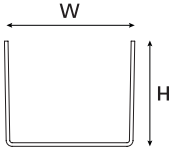
PART CODE	DUCT SIZE	Width (W)	Height (H)	Length (L)	UNS
LG-SDDXXX-YL	50	57	43	70	181-00406
LG-SDCXXX-YL	100	109	88	100	181-00405
LG-SDBXXX-YL	200	208	85	135	181-00404
LG-SDAXXX-YL	300	307	83	150	181-00403

All measurements are in mm unless otherwise stated.

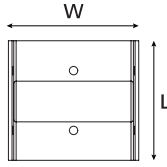


**Technical Diagrams:**

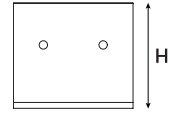
**Manual Coupler 50mm**



Front View

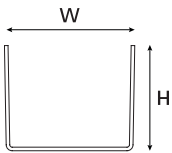


Bottom View

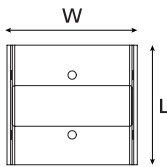


Side View

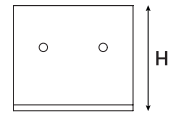
**Manual Coupler 100mm**



Front View

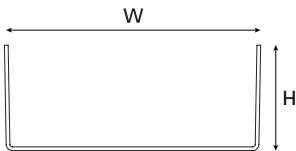


Bottom View

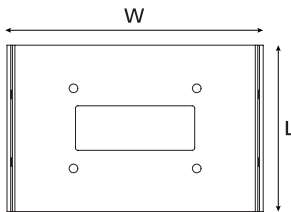


Side View

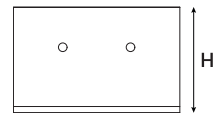
**Manual Coupler 200mm**



Front View

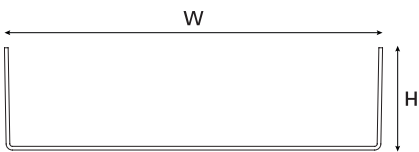


Bottom View

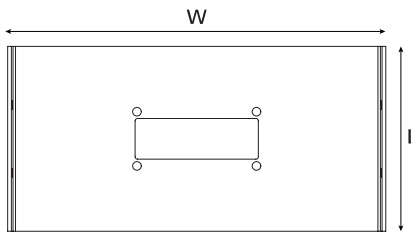


Side View

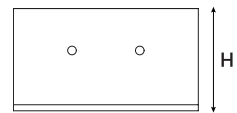
**Manual Coupler 300mm**



Front View



Bottom View



Side View