



Fibre Management

Fibre Distribution Hub - FDH



Linxcom offers flexible design and conception for Fibre Distribution Hubs (FDH) designated for FTTH Passive Optical Networks (PON).

The FDH can be used for outdoor and indoor applications to house passive optical splitters in a variety of sizes with output fibre capacities up to 576 fibres.

Optical fibre cables are used as input cables then a variety of configurations are available for output distribution of a FTTH network.

Features & Benefits

- Made from high quality materials, available in SS201, SS304 or pre-galvanized coating.
- High strength, anti-aging, anti-corrosion, all weather protection
- Houses splices, cassettes, pigtails, patch cords, splitters and adapters for secure and tidy installation
- Waterproof three-point door lock and pin lock
- Ranging from 1-576 core sizes
- Single or double doors with rubber seals and locks
- Up to IP65 Rated
- Bend radius of optical fibres secured by integrated cable management
- Splitter modules available in 1:16 or 1:32
- Double structure filled with high performance insulating materials for good heat insulation
- Meets Telecordia standards: GR-449 CORE, GR1221 and GR1209
- Ideal for CATV networks, FTTX, Fibre optic network and PON



Up to 576
Fibres



IP65
Rated



Floor
Standing

Technical Specifications

Operating Temperature (°C)	-40 to +60	Dielectric Strength (V/min)	>3000/1
Storage Temperature (°C)	-25 to +55	Dimensions (mm)	1450 (h) x 750 (w) x 370 (d)
Relative Humidity (%)	≤85 (at +30°C)	IP Rating	Up to 65
Atmospheric Pressure (Kpa)	70-106	Fibre Capacity	1-576
Ambient Temperature (°C)	-25 - +40	Return Loss (dB)	≥60
Operating Wavelength (nm)	850, 1310, 1550	Plud-draw Durability Life	>1000 times
Insertion Loss (dB)	≤0.5	Insulation Resistance (Mohm/V)	>2000/500

Ordering Information

Because of the complexity and customised nature of Fibre Distribution Hubs, each order or enquiry must be dealt with by one of the Linxcom team. This will ensure you get the exact the product you require and custom-built to your specification.

Should you require any more information, please contact us and we will be happy to help.