



Compact optical fibre distribution and termination box (Gf-AP compact)

The Langmatz compact optical fibre distribution and termination box is a quality product that combines innovative as well as tested and proven features. It enables the management of 12 optical fibres integrated into a robust, protected polycarbonate housing (protection rating IP 54). It's impressively easy to handle and install, and meets the high quality standards required for housing, mounting and commissioning sophisticated fibre optic technology.

Advantages | Langmatz Gf-AP compact

Flexibility down to the smallest detail

- Left or right cables/micropipe ports with a diameter of 5, 7, 10 or 12 mm can be freely chosen
- Removable mounting panel for fibre and adaptor/splice protection management
- Slot for 6 adaptors
- Accommodates commercially available gas stops for micropipes
- Installation/commissioning/service without special tools
- Various locking mechanism options for the housing, including security seal

Stability and safety - for installation and operation

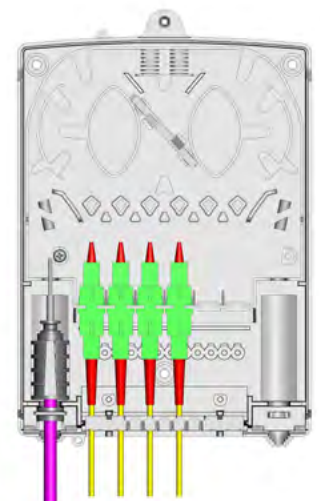
- Guided fibre management with integrated routing in the mounting panel
- Protected area for safe connection and cable management
- Minimum bending radius maintained using predefined fibre routing
- Outlet cable protected by a silicone seal
- Optical adaptor replacement during ongoing operation

Area of application

- Network handover point
- Single family home/multiple family dwelling and/or corporate sector
- Suitable for connector, fusion splice and splitter



Front view of housing



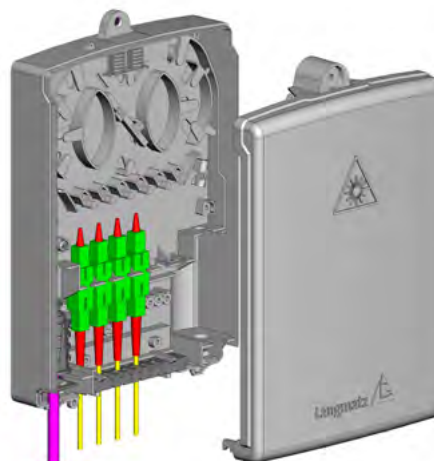
Lower section of housing without cover

Technical data

Description	Langmatz Gf-AP compact (compact optical fibre distribution and termination box)
W x H x D:	163 x 242 x 46 mm
Weight	Approx. 500 g
Housing material	Polycarbonate
Housing colour	Standard colour RAL 7035 light grey
Cable micropipes	Inlet/outlet for diameters 5, 7, 10, 12 mm
Closing mechanism	Sealable, Phillips-head screw, prepared for M4 grooved bolt
Installation plate	Removable; management of 12 crimp or heat-shrink splices (depending on version); also accommodates PLC splitter
Number of fibres	Maximum: 12 optical fibres
Adaptor section	<ul style="list-style-type: none"> ■ 6 x LC Duplex, 6 x SC Simplex, E2000 (with restrictions) or a mixture thereof ■ Cable outlet (without connector) with strain relief options
Temperature range	-33 to 70 degrees C
Protection rating	IP 54
Impact protection (IK) rating	IK06

Items included in delivery

- 1 x housing with cover
- 1 x mounting panel
- 2 x sealing elements for cable outlet
- Installation instructions – online version



Markings

Laser safety symbol