

Flat Manifold

The Miniflex Flat Manifolds are ideal, compact solutions that protect, breakout and manage primary fibre from a cable element tube, a ribbon fibre, a blown fibre unit or OFPT. The input fibre tube is safely and securely terminated whilst each output fibre (max 12) is protected by precision-made 900 μ PTFE tube securely retained within the unit.

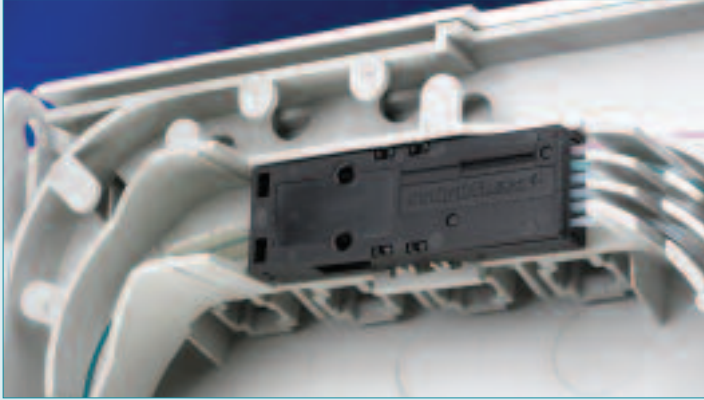
Assembly of the Flat Manifold is made easy by the simple open-plan lay-through design, with full radius control, which prevents fibre kinks and breakage. Two versions are available, Compact Modular and Long Fixed types.

As shown in the table overleaf these manifolds are sold in various combinations together with 1m length PTFE tubes. The PTFE tubing can also be supplied on a 120m reel so the user can cut the tubing to the desired length.

One important benefit of both Manifolds is their ability to be configured by the user to suit the number of fibres in the input bundle.

Application

Either Flat Manifold is used where a connector is to be terminated onto a 250µ primary buffered fibre. It is then usual to sheath that fibre in a 900µ tube so that it simulates a 900µ secondary buffered fibre. Such situations can be in a wall box, patch panel or other termination housing.

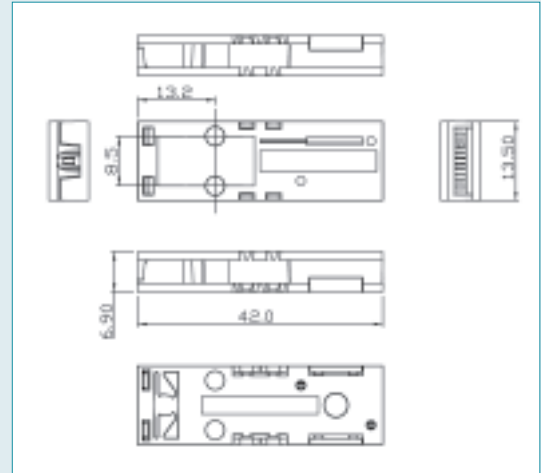


Features & Benefits

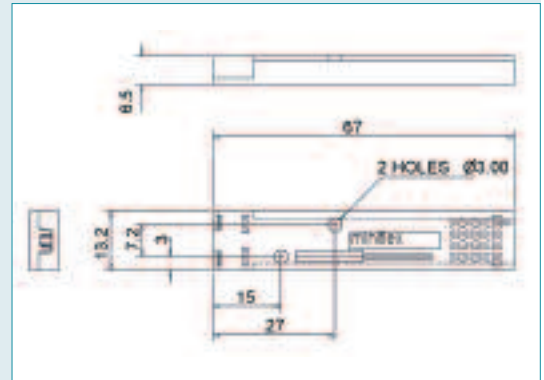
- Protects, organises, manages and secures primary fibre
- The bend radius is controlled to eliminate transient losses
- Ease of use, incorporating a fibre to tube threading guide
- Available in 4, 6, 8 and 12 fibre tube kit versions or with a reel of 120m PTFE tube
- Neat, space saving, modular system with the ability to stack
- Fire retardant, reinforced UL94 V0 material, solvent resistant
- Compact version features a separate PTFE tube gripper pad for ease of assembly, which can be pre-assembled or laid thru.
- For single mode systems the Compact Modular Flat Manifold is the recommended solution

Ordering information

Product Code	Manifold type	900µ PTFE Kit	Notes
FM-L-4-1-PBT-BLK-V0	Long	4 x 1m	
FM-L-6-1-PBT-BLK-V0	Long	6 x 1m	
FM-L-8-1-PBT-BLK-V0	Long	8 x 1m	
FM-L-12-1-PBT-BLK-V0	Long	12 x 1m	
FM-L-1-120-PBT-BLK-V0	Long	1 x 120m reel	
FMRF-L-12-1-PBT-BLK-V0	Long	12 x 1m	12 Fibre Ribbon
FM-C-4-1-PBT-BLK-V0	Compact	4 x 1m	
FM-C-6-1-PBT-BLK-V0	Compact	6 x 1m	
FM-C-8-1-PBT-BLK-V0	Compact	8 x 1m	
FM-C-12-1-PBT-BLK-V0	Compact	12 x 1m	
FM-C-1-120-PBT-BLK-V0	Compact	1 x 120m reel	
FMRF-C-12-1-PBT-BLK-V0	Compact	12 x 1m	12 Fibre Ribbon



Compact Flat Manifold



Long Flat Manifold

Key Data

Dimensions

Long Version:
66 x 13.5 x 6.9mm

Compact Version:
42 x 13.5 x 6.9m

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OPTICAL FIBRE PROTECTION SYSTEMS