

Wall Box Solutions

Flexible Fiber Box (FFB)

CommScope's (CommScope) flexible fiber box (FFB) is designed to address the unique challenges of indoor, outside plant and fiber installations. Available in two unique base configurations, fixed and Rapid Fiber, the FFB promotes true flexibility with easily interchangeable components for termination, sliding adapter pack, fixed bulkhead, splice, MPO and hardened multifiber optical connector (HMFOC) configurations.

The Rapid Fiber FFB system leverages CommScope's RapidReel fiber cable spool to payout fiber directly from the enclosure. By enabling faster cable routing and installation, the fiber cable spool helps to minimize overall labor costs. In addition, the spooling system reduces the need for site survey inspections, and simplifies cable ordering and inventory requirements. Any excess cable stores easily back on to the spooling system, eliminating the need for additional slack storage equipment.

The fixed FFB system uses an assortment of fixed configuration plates to mix-and-match different cable and connector types. One half of the box manages feeder cable connections; the other half manages drop connections. To meet co-location requirements, the feeder side of the box is available with a lockable cover.

CommScope's flexible fiber box series incorporates the latest in cutting-edge technology, helps to deliver unmatched savings in installation time, labor costs, and offers unrivaled performance for next generation networks.



Rapid Fiber FFB



Fixed FFB



Fixed FFB with Internal Demarc Door

Benefits

- **Flexibility:** Designed to serve any network topology, any location, any technology.
- **Protection:** Built to withstand harsh environmental conditions - including dust, moisture and UV.
- **Right-Sized:** Enclosure meets space requirements for a variety of environments.
- **Performance:** Reduced bend radius fiber cable reduces attenuation caused by tight bends and frequent handling.
- **Easy Installation:** Mounts on a wall, pole or other flat surface with minimal tools.

Specifications

Installation Type	Indoor/Outdoor
Fibers	24
Splice Trays	2 Trays
Cable Ports	4 Bottom
Rating	NEMA-4, UL
Height	10.5" (.26 m)
Width	12" (.3 m)
Depth	5" (.12 m)

Preconfigured Rapid Fiber FFB

Preconfigured Rapid Fiber FFB units are available to ship from the factory with preinstalled RapidReel fiber cable spools, sliding adapter packs, splice trays and/or preterminated cable assemblies, and help to simplify the ordering process and reduce installation time and cost.

Ordering Information

Description	Cable Type	Fibers	Connector Type	Part Number
Rapid Fiber FFB Sliding Adapter Pack Option	Singlemode	12	LC-MPO	FFB-R012ESKSSDUXXX
			SC-MPO	FFB-R012ES7SSDUXXX
		24	LC-MPO	FFB-R024ESKSSDUXXX
			SC-MPO	FFB-R024ES7SSDUXXX
	Multimode	12	LC-MPO	FFB-R012MSCSSFUXXX
			SC-MPO	FFB-R012MSTSSFUXXX
		24	LC-MPO	FFB-R024MSCSSFUXXX
			SC-MPO	FFB-R024MSTSSFUXXX
Rapid Fiber FFB Splice Option	Singlemode	12	MPO (far end)	FFB-R012ES22SDUXXX
			Stub (far end)	FFB-R012OS22SDUXXX
		24	MPO (far end)	FFB-R024ES22SDUXXX
			Stub (far end)	FFB-R024OS22SDUXXX
	Multimode	12	MPO (far end)	FFB-R012MS22SFUXXX
			Stub (far end)	FFB-R012OS22SFUXXX
		24	MPO (far end)	FFB-R024MS22SFUXXX
			Stub (far end)	FFB-R024OS22SFUXXX



Rapid Fiber FFB – LC or SC Connectors



Rapid Fiber FFB - Splice Tray

XXX=

- 031** 100' Spooled (31 m)
- 061** 200' Spooled (61 m) 24 Fiber requires ext. spool
- 076** 250' Spooled (76 m) 24 Fiber requires ext. spool
- 092** 300' Spooled (92 m) with ext. spool
- 123** 400' Spooled (122 m) with ext. spool
- 153** 500' Spooled (153 m) with ext. spool
- 183** 600' Spooled (183 m) with ext. spool
- 213** 700' Spooled (213 m) with ext. spool
- 244** 800' Spooled (244 m) with ext. spool
- 274** 900' Spooled (274 m) with ext. spool
- 305** 1000' Spooled (305 m) with ext. spool

NOTE: The FFB is available with a maximum of 1000' of spooled cable.



FFB with external fiber spool.

Preconfigured Fixed FFB

Preconfigured fixed FFB units are available to ship from the factory with preinstalled connectors, adapter packs, splice trays, cables and/or preterminated pigtail assemblies, and help to simplify the ordering process and reduce installation time and cost.

Ordering Information

Product Description	Fibers	Connector Type	Part Number
Feeder: MPO Drop: Sliding Adapter Type	12	LC	FFB-F012EMSKSSDDUX
		SC	FFB-F012EMS7SSDDUX
	24	LC	FFB-F024EMSKSSDDUX
		SC	FFB-F024EMS7SSDDUX
Feeder: HMFOC Drop: Sliding Adapter Type	12	LC	FFB-F012UMSKSSDDUX
		SC	FFB-F012UMS7SSDDUX
	24	LC	FFB-F024UMSKSSDDUX
		SC	FFB-F024UMS7SSDDUX
Feeder: Splice Drop: VAM (Order VAM modules separately. See the full catalog for details.)	12	–	FFB-F01222SOVS0000
	24	–	FFB-F02422SOVS0000
Feeder: External HMFOC Input with Demarc Door (Sliding Adapter Type Shown)	12	LC	FFB-F01200HKSSDDUD
		SC	FFB-F01200H7SSDDUD
	24	LC	FFB-F02400HKSSDDUD
		SC	FFB-F02400H7SSDDUD
Feeder: Splice Drop: Sliding Adapter Type	12	LC	FFB-F01222SKSSDDUX
		SC	FFB-F01222S7SSDDUX
	24	LC	FFB-F02422SKSSDDUX
		SC	FFB-F02422S7SSDDUX
Feeder/Drop: Fixed Adapter Type in Center	12	LC	FFB-F012KCSK0SA00X
		SC	FFB-F0127CS70SA00X
	24	LC	FFB-F024KCSK0SA00X
		SC	FFB-F0247CS70SA00X
Feeder: MPO Drop: Fixed Adapter Type Plate	12	LC	FFB-F012EMSKFSDDUX
		SC	FFB-F012EMS7FSDDUX
	24	LC	FFB-F024EMSKFSDDUX
		SC	FFB-F024EMS7FSDDUX



Replace X with "D" to include internal demarc door, or "0" to exclude door.