

Commscope's Flat Closure is compact, light weight and its construction is robust and rigid having a strength for all conditions of Storage, Transport, Installation and Operation. It's design and construction allows fusion splicing, splitting and storage of tubes and fibers. This closure is designed for use with all cable constructions. With it's compact design and ease of operation, this is the design to look forward. It can be used for straight joint, branch joint, midspan of the optical cables, splitting and distribution connectivity in a FTTx network.

#### Applications

- Used for splicing & distribution
- Used for straight through and branching applications
- Applicable for Aerial as well as underground & wall mounting applications
- Applicable for unarmoured & armoured cables



FEATURE	BENEFIT
<b>Mechanical Sealing</b>	No need of added tools for cable installation
<b>Water tight protection (IP68 compliant)</b>	Can be deployed in all environments: buried, underground and aerial
<b>Zero Additional Loss</b>	No additional loss when optic fibers are routed in the splice trays during installation and maintenance
<b>Cable &amp; strength member holding</b>	Provides better holding of cable
<b>No specialized tools needed</b>	Easy installation
<b>Resistance to UV and temperature fluctuation</b>	Can be deployed in all environments: buried, underground and aerial
<b>Proven tray splicing concept</b>	Ensures bend radius protection and solutions for all types of fibers
<b>Pressure Valve</b>	Provides provision for testing the sealing of ports after complete installation.
<b>Rugged construction</b>	long term reliability
<b>Easily Re-Enterable Design</b>	Economical and Future ready
<b>Minimal Training, No specialize tools needed</b>	Cost savings, Easy installation
<b>Splicing tray lid</b>	Protects the spliced fibers from coming out of the trays
<b>Transport tubes for fibers</b>	Prevents fiber breakage at the tray entry during installation & maintenance
<b>Earthing</b>	Safe for handling in field

### Technical Specifications

Sr. No	Parameters	Unit	Particulars
1	Dimension (L x W x D)	mm	395 x 282 x 212
2	Weight	Kg	< 7 Kg
3	Cable Sealing		Mechanical
4	Construction Material		
	Dome		Poly-propylene Co-polymer
	Base		Poly-propylene Co-polymer
	Tray		ABS
	O Ring		Rubber
	Clamp		Glass Filled Nylon
5	Type		Butt Type
6	Round Port Entry for distribution cable (Max)	Nos	10
7	Oval port entry for cable (Max)	Nos	1
8	Cable Diameter Supported	mm	6 – 12.5 mm (through rubber seals)*
9	Total no. of Optical splices	Nos	96 for Loose tube fiber
10	Degree of protection		IP - 68
11	Maximum no. of splice trays	Nos	8
12	No. of splice per tray	Nos	12 loose tube fiber
13	No of Splitter Trays	Nos	4
14	No of splitters per tray	Nos	1
15	Splitter Ratios		1:8 or 2:8
16	Fiber length storage in splice tray	Mtr	1.5
17	Operating Temperature	°C	Upto 65
18	Atmospheric pressure	Kpa	70 – 106

**\*Sealing accessories provided in the kit for 6 & 12 mm cable**

## Installation Diagram

