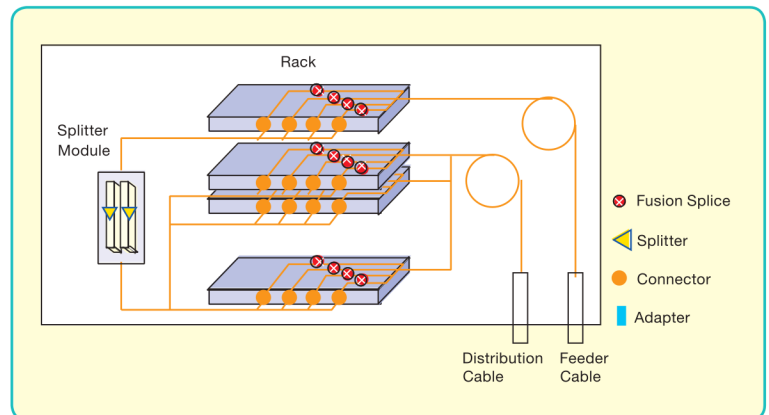# Outdoor Optical Cross Connection Cabinet

GPX-EFCS SMC Series polycarbonate outdoor cabinet is a perfect solution for outdoor fiber connection and distribution applications.Special glass fiber reinforced polycarbonate structure makes this cabinet an ideal solution for cross connect applications.Units are equipped with wire management and can be ordered pre-configured and tested with pigtails, patch panels with adapters and optical splitters
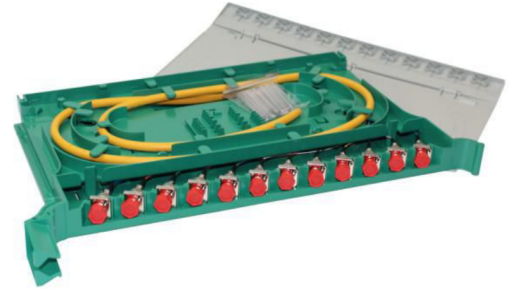
## Features

- IP level: IP 65. Excellent dust and water proof performance.
- High strength glass-fiber polyester (SMC) body ensures excellent performance of mechanical durability, anti-erosion, aging resistance and lightweight.
- The cabinet has functions of cable termination, as well as fiber distribution, splice, storage and dispatch.
- Solid and fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Modular structure: fiber distribution, fiber management and fiber direct splicing are in different compartments.
- Cable entry: through special cable gland with inner rubber gasket to protect again dust or insect entry.
- Multi-functions    various types of Optical Splice & Distribution Modules are available for making different combinations.
- Both cassette-type and micro-type splitters with different ratios and quantities are available upon request.
- Lock provided on every cabinet ensures the safety of the fibers.
- Accommodates SC, FC, ST simplex and LC duplex adapters.
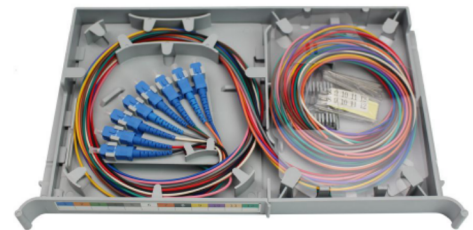- Each incoming cable will be fixed properly with earth provided.

## Splice & Distribution Module

- Capacity up to 12 ports (Max 24fibers)
- Separated(left & right) structure and with a cover-plate on fusion tray
- Multi functions: optical fusion, storage and distribution
- Suitable for installation with FC, SC, LC and ST adapters

## No Patch Module

- Separated(left & right) structure and with a cover-plate on fusion tray
- Multi functions: optical fusion, storage and distribution
- Suitable for pigtails: SC, LC up to 12 fibers

## PLC Module

- Low Insertion loss
- Low PDL
- Compact Design
- Good channel-to-channel uniformityWide Operating
- Wavelength: From 1260nm to 1650nm
- Wide Operating Temperature: From -40℃ to 85℃
- High Reliability and Stability

# Ordering Information

Example: **EFCSOC** - **SMC** **M** - **288** **FC**

          **1**   **2**   **3**   **4**

| | | |
|---|---|---|
| **1** | Body Material | SMC=SMC, |
| **2** | Accessary Type | M = Module;NPM=No Patch Module; PI= Plug-in PLC Splitter(1:8) |
| **3** | Number of Ports | 12, 24, 48, 72, 96, 144, 576, etc. |
| **4** | Adapter Type | FC, SC, ST, etc; Blank = unloaded |

Note: Cabinet will include all necessary modules and accessories.

## Ordering Guide

| | | Dimension | Max. Capacity | Weight |
|---|---|---|---|---|
| Body | Size 1 | 960*525 *320 mm | 72&96 ports | *** KG |
| | Size 2 | 960*525*320 mm | 144 ports | ***KG |
| | Size 3 | 1435*750*320 mm | 288 ports | ***KG |
| | Size 4 | 1435*750*620 mm | 576 ports | ***KG |
| Module | Size 1 | 25 * 300 *180 mm | 12 ports | 0.4KG |
| | Size 2 | 50 *300 *180 mm | 24 ports | 0.54KG |
| Module no patch | Size 1 | 25 * 300 *180 mm | 12 ports | 0.42KG |
| PLC-PI | | 25 * 130 *100 mm | 1*8 PLC | 0.16KG |

Note: Cabinet size include the base