

# OptoPod

## Flexible Multiport Service Terminal Pre-Connectorized Plug and Play Solutions



### Product Details

The STL OptoPod Flexible MultiPort service terminal is an innovative solution designed for outside plant fiber access networks, particularly ideal for FTTH applications due to its reliability. It features sealed environmental protection and allows for easy incremental connection of subscriber drop cables. The STL OptoPod is designed for pole mount and to fit inside poles, compact pedestals and handholes, accelerating FTTH community acceptance. It is available in P2P, 1x4, and 1x8 splitter terminal configurations, enabling lower initial deployment costs by connecting multiple drops to one fiber.

The STL OptoPod is tailored for fast and easy network connections in space-constrained environments. Its small terminal unit, attached to staggered-length connector cables, offers installers maximum flexibility in challenging installation situations. The Flex-MST features hardened fiber stubs for fast, reliable, plug-and-play distribution to customer premises. Maintenance is simplified, as the flexible hardened adapter stubs are easy to clean and reconnect without removing the terminal from its installed position. The flexible structure of the small unit provides technicians with various installation options, offering a simple solution that can reduce or eliminate the costs of civil works and construction.

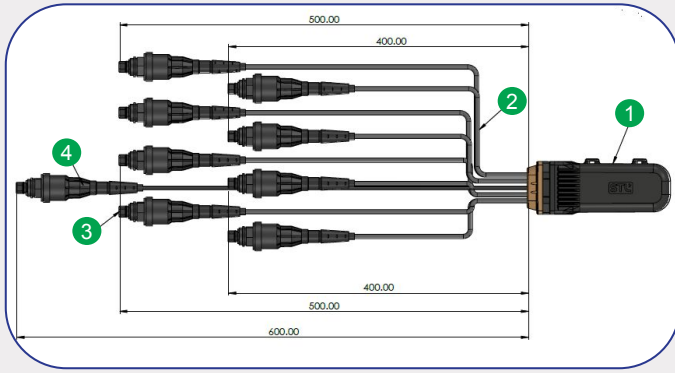
### Features

- **Sealed Protection:** Shields against moisture and dust, ensuring long-term reliability.
- **Easy Drop Cable Connection:** Simplifies installation and maintenance, reducing time and effort.
- **Compact Design:** Fits into small pedestals and handholes, expanding deployment options.
- **Multiple Splitter Configurations:** Allows for connecting multiple drops to one fiber, reducing deployment costs.

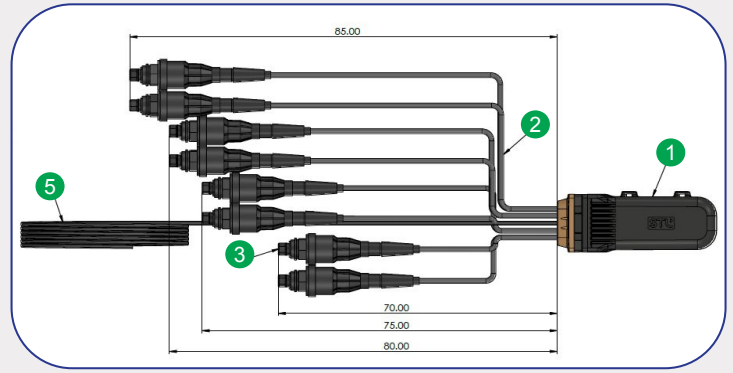
### Applications

- Outdoor applications
- Hand-hole or pedestal
- Pole mount or aerial strand mount installation

## Product Dimensions



Splitter Style



Non-Splitter Style

- ① ENCLOSURE
- ② 5mm FAN-OUT TUBE
- ③ FEMALE OUTPUT CONNECTOR
- ④ FEMALE INPUT CONNECTOR
- ⑤ DROP CABLE

All dimensions are in mm

## Optical Specifications

Parameter	P2P	1X4	1X8
Max Insertion Loss (dB)	0.30	8.00	11.00
Max Uniformity (dB)	NA	0.70	1.00
Return Loss (dB)	> 60	> 55	
Directivity (dB)	NA	> 55	
Max PDL (dB) 1310/1550nm (Design Guarantee)	NA	0.20	
Operating Wavelength (nm)	1260 - 1650		
Ingress Protection	IP68		

## Ordering Information

Series Name	Terminal Port	Type of Input Connector	Cable Length	Type of Output Connector	Standard Packaging	Cable Printing
OptoPod	Non- Splitter Style 04 - 4 Port 06 - 6 Port 08 - 8 Port	S - OptoBolt SCA C - CRS LCA N - No Connector	XXXX M XXXX F	S - OptoBolt SCA C - CRS LCA N - No Connector	1	STL
	Splitter Style 14 - 1 X 1:4 24 - 2 X 1:4 18 - 1 X 1:8					

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For additional information please contact your sales representative.  
You can also visit our website at [www.stl.tech](http://www.stl.tech)

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