

CX-MST-17/18 Port

CX-MST Multiport Service Terminal (17-18 Port)

High-Capacity, Ruggedized Multi-Port Fiber Terminal for FTTH & Distribution Networks

Introduction

The ComponexX **CX-MST-17/18** is a sealed outdoor fiber terminal engineered for rapid deployment and long-term reliability in access and distribution networks.

Designed to support **up to 18 FastConnect drop cables**, it provides flexible mounting options, simple plug-and-play installation, and dependable **IP68 mechanical sealing** for harsh environments.



Compact yet high-density, the CX-MST-17/18 combines flexible cable routing with durable reinforced PC+ABS housing and cross-compatibility with standard hardened connectors including **OptiTap and Mini-SC**.

Applications

- FTTH, FTTx, and access network deployments
- Multi-dwelling unit (MDU) and pole/wall installations
- Outdoor, over-ground, or aerial network termination
- Integration with hardened optical distribution networks

Key Features and Benefits

- Supports **17–18 ports** with a compact sealed enclosure
- **Tool-free mechanical seal** for rapid field installation
- **Reinforced PC + ABS** body with stainless-steel hardware
- **IP68-rated** environmental protection against dust and water
- Supports **OptiTap, Mini-SC**, adapter types
- Optional **integrated PLC splitter (1×8 or 1×16)** for distribution flexibility
- Compatible with **Telcordia GR-771 / GR-326** standards

Specifications

Parameter	Specification
Dimensions (L × W × H)	330 × 190 × 108 mm
Ports Supported	17 or 18 Fast Connect drops
Housing Material	Reinforced PC + ABS
Ingress Protection	IP68
Mechanical Seal Type	GR-771 Compliant
Operating Temperature	−40 °C to +65 °C
Relative Humidity	≤ 95 % RH
Adapter Interface	OptiTap, Mini-SC
Fiber Type	SM G.657A1/A2
Mounting Options	Wall / Pole / Aerial
Color Identification	Input (Red), Output (Blue)
Standards	Telcordia GR-771, GR-326
PLC Splitter Options	1×8 or 1×16 Mini PLC splitter

PLC Splitter Performance

Parameter	Specification
Test Wavelength (nm)	1310 / 1490 / 1550
Fiber Type	SM G.657A1/A2
Insertion Loss	≤ 10.5 dB (1×8) / ≤ 13.5 dB (1×16)
Return Loss	≥ 55 dB (APC)
Directivity	≥ 55 dB
Uniformity	≤ 0.8 dB
Operating Temp	−40 °C to +65 °C
Compliance	Telcordia GR-1221 / GR-1209

Diagrams

