OptiTap® Multiport Terminals - Stubless

OVERVIEW

NetSource Stubless MST Fiber Terminals combine fiber distribution and optical splitting in a compact outdoor terminal for FTTH and FTTx deployments. An integrated PLC splitter provides hardened connections for multiple subscriber drops, while the stubless design allows the feeder cable to connect directly at the terminal.

GENERAL SPECIFICATIONS

- **Port Count:** 2, 4, 6, 8, and 12 Ports
- **PLC Splitter:** Integrated, factory-installed
- **Splitter Configuration:** 1×2, 1×4, 1×6, 1×8, or 1×12
- **Fiber Type:** Singlemode OS2
- **Drop Port Type:** Hardened SC/APC
- **Feeder Connection:** Hardened connector interface
- **Stub Type:** None — stubless design

DIMENSIONS

Port Configuration	Dimensions (H x L x W)
2/4 Port	3.65 × 8.26 × 4.38 in.
6 Port	3.65 × 11.25 × 4.38 in.
8 Port	3.65 × 11.09 × 4.38 in.
12 Port	4.25 × 14.25 × 5.32 in.



4-Port



6-Port



8-Port



12-Port

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OPTICAL PERFORMANCE

Parameter	1x2	1x4	1x6	1x8	1x12
Operating Wavelength (nm)	1260-1650				
Insertion Loss (dB) Max with Connectors (One End Only)	4.1	7.4	9.3	10.5	12.8
Uniformity (dB)	≤0.4	≤0.5	≤0.6	≤0.8	≤1.0
Polarization Dependent Loss (dB)	≤0.25	≤0.25	≤0.25	≤0.25	≤0.3
Return Loss (dB)	≥55				
Directionality (dB)	≥55				

CONFORMANCE

- **Telcordia GR-771 — Terminal:** Fiber Optic Terminal Requirements
- **Telcordia GR-3120 — Connector:** Hardened Fiber Optic Connector Requirements
- **Telcordia GR-1209 — Splitter:** Passive Optical Component Requirements
- **Telcordia GR-1221 — Splitter:** Reliability Requirements for Passive Optical Components
- **RoHS/REACH**

ENVIRONMENTAL & MECHANICAL PROPERTIES

- **Ingress Protection:** IP68 — OptiTap® Interface
- **Operating Temperature:** -40°C to +70°C (-40°F to +158°F)
- **Storage Temperature:** -40°C to +70°C (-40°F to +158°F)
- **Installation Temperature:** -30°C to +70°C (-22°F to +158°F)

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PART NUMBERS

HE	-	PLC Splitter	P	Cable Type	Connector
		1×4 1×6 1×8 1×12		SM: Singlemode OS2	57: Hardened SC/APC

Example: HE-1×4PSM57

1×4 PLC Splitter / Singlemode OS2 / OptiTap® to SC/APC