

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

STACK-T1-50CM

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	STACK-T1-50CM
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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STACK-T1-50CM Datasheet

The Cisco STACK-T1-50CM datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the STACK-T1-50CM and integrate it into enterprise or service provider networks with confidence.

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Key Features

Massive Backplane Bandwidth

Delivers 480 Gbps of stacking bandwidth for standard Catalyst 9300/3850 switches, and up to an industry-leading 1 Tbps (StackWise-1T) for Catalyst 9300X models, virtually eliminating inter-switch traffic bottlenecks.

Unified Control Plane Management

Allows network engineers to manage up to 8 physical switches as a single logical entity. This drastically reduces administrative overhead by consolidating IP addresses, VLAN databases, and routing protocols.

High-Availability Ring Architecture

Supports a dual continuous ring topology. If one physical cable or switch fails, the Stack Discovery Protocol (SDP) automatically reconverges the data transmission rings in sub-milliseconds without dropping network traffic.

Zero-Touch Member Provisioning

Facilitates automatic configuration syncing. When a new switch is cabled into the stack, it automatically upgrades or downgrades its Cisco IOS-XE software version to match the stack master.

Optimal Rack Routing

The 50cm length is precision-engineered for switches stacked directly adjacent to each other (or with a maximum 1 RU gap). It prevents severe cable clutter, ensuring proper airflow and clean cable management in IDF/MDFs.

Halogen-Free Construction

Built with halogen-free materials to comply with strict enterprise environmental, health, and fire-safety standards for modern data center deployments.

Specification

Parameter	Details	Parameter	Details
Manufacturer	Cisco Systems	Product Type	Network Stacking Cable
Part Number	STACK-T1-50CM	Spare Part Number	STACK-T1-50CM=
Length	0.5 Meters (1.64 ft)	Supported Architecture	StackWise-480 / StackWise-1T
Max Bandwidth	1 Tbps (Model dependent)	Minimum Bend Radius	41 mm (1.6 in.)
Minimum Coiled Diameter	Not Applicable	Halogen-Free	Yes
Catalyst 9300 Support	Supported (Non-L models)	Catalyst 9300X Support	Supported (StackWise-1T)
Catalyst 3850 Support	Supported	Catalyst 9300L Support	Not Supported (Requires STACK-T3)
Connector Design	Cisco Proprietary (Rear-side)	Hot Swappable	Yes

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