DATA SHEET

Cisco Catalyst C9300X-STACK-KIT

StackWise-1T Ultra-High Bandwidth Stacking Solution for Catalyst 9300X Series Switches

1 Tbps	8 Units	NSF / SSO
STACK BANDWIDTH	MAX STACK DENSITY	STATEFUL FAILOVER

OVERVIEW

The **C9300X-STACK-KIT** is the next-generation high-speed hardware stacking kit engineered specifically for **Cisco Catalyst 9300X Series switches**. Utilizing Cisco's advanced **StackWise-1T** architecture, it delivers up to **1 Terabit per second (1 Tbps)** of stacking bandwidth. This allows high-density, multi-gigabit and 100G uplink switches to operate seamlessly as a single logical unit.

KEY SPECIFICATIONS

PARAMETER	SPECIFICATION
Product Name	Cisco Catalyst 9300X Series StackWise-1T Kit
Part Number	C9300X-STACK-KIT=
Stacking Architecture	Cisco StackWise-1T
Stack Bandwidth	1 Tbps (1000 Gbps bi-directional ring bandwidth)
Max Units in Stack	Up to 8 Catalyst 9300X switches
Management Model	Single IP address, single configuration, unified control plane
Resiliency / High Availability	Non-Stop Forwarding with Stateful Switchover (NSF/SSO)
Hot-Swappable	Yes (Adapters and cables can be added/removed live)

KIT CONTENTS & COMPATIBLE CABLE OPTIONS

The standard **C9300X-STACK-KIT** includes:

- **2x** StackWise-1T Stacking Adapters (installs into rear ports of C9300X switch)
- **1x** StackWise Cable (Default: 0.5 meter / `STACK-T1-50CM=`)

Compatible Cable Part Numbers:

PART NUMBER	CABLE LENGTH	DESCRIPTION
`STACK-T1-50CM=`	0.5 Meter (1.6 ft)	Standard cable for adjacent unit stacking in the same rack
`STACK-T1-1M=`	1.0 Meter (3.3 ft)	Medium cable for spaced unit stacking across rack slots

PART NUMBER	CABLE LENGTH	DESCRIPTION
STACK-T1-3M=	3.0 Meter (9.8 ft)	Long cable for cross-rack stacking topologies

HARDWARE COMPATIBILITY

Compatibility Notice

The **C9300X-STACK-KIT** is exclusively designed for **Catalyst 9300X models** (e.g., C9300X-24Y, C9300X-12Y, C9300X-48HX, C9300X-48TX, C9300X-24HX).

- **Standard Catalyst 9300 Modular SKUs:** Incompatible. Requires C9300-STACK-KIT= (StackWise-480).
- **Catalyst 9300L Fixed Uplink SKUs:** Incompatible. Requires C9300L-STACK-KIT= (StackWise-320).

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