Solitine Cable Management Panel

TECHNICAL DATASHEET

Overview

The **SOLITINE Cable Manager series** (available in 1U and 2U height configurations) is engineered to organize, support, and protect high-density network cabling within standard 19-inch equipment racks, server cabinets, and patch panels. Constructed from high-strength ABS material, these cable management panels effectively prevent strain on network ports, maintain optimal cable bend radiuses, and ensure clean, unhindered airflow across active IT hardware.



Key Features

- **Standard 19" Rack Mountable:** Designed for seamless installation into standard 19-inch racks, server cabinets, and wall-mount enclosures.
- **Dual Height Options (1U & 2U):** Available in 1U (24-port capacity) and 2U (high-density/48-port equivalent capacity) variants to suit different cable volume needs.
- **High-Impact ABS Construction:** Manufactured with durable, lightweight, anti-burn ABS plastic for long service life.
- **Optimized Airflow & Organization:** Eliminates cable clutter, enhances server rack aesthetics, and maintains clear cooling paths to prevent equipment overheating.
- **Simplified Cable Maintenance:** Allows fast routing, insertion, and removal of copper and fiber patch cords during maintenance or network upgrades.

Application

- **Data Centers & Server Rooms:** High-density routing of fiber optic and Category copper patch cables.
- **Telecommunications Rooms (MDF/IDF):** Structured horizontal cable management between switches, patch panels, and routers.
- **Enterprise IT Racks:** Neat distribution of network wiring in corporate office network closets.
- **AV & Security Enclosures:** Clean cable pathing for custom audio/video installations and CCTV monitoring hardware.

Compliant Standards

- **Rack Mounting Standard:** ANSI/EIA RS-310-D / IEC 60297-3-100 (Standard 19-inch rack compliance)
- **Quality Management:** ISO 9001 Certified Manufacturing
- **Environmental & Safety Compliance:** RoHS Compliant, CE Certified
- **Material Standards:** GB/T 5169 / Flame-retardant high-impact ABS

Technical Specifications

Parameter	1U Cable Manager Specification	2U Cable Manager Specification
Rack Height	1U (1.75 in/44.5 mm)	2U (3.5 in/88.9 mm)
Rack Width	Standard 19 Inch (482.6 mm)	Standard 19 Inch (482.6 mm)
Dimensions (L × W × H)	482.6 mm × 83.5 mm × 44.5 mm	482.6 mm × 83.5 mm × 88.9 mm
Management Slots	24 Routing Slots	High-Density Routing Channels
Material	High-Impact Anti-Burn ABS	High-Impact Anti-Burn ABS
Color	Black	Black
Certifications	ISO9001, RoHS, CE	ISO9001, RoHS, CE

Ordering Information

Part Number	Description	Dimensions (L × W × H)	Color
SOL-CM01-19P	SOLITINE 1U 19" Cable Management Panel	482.6 mm × 83.5 mm × 44.5 mm	Black
SOL-CM02-19P	SOLITINE 2U 19" Cable Management Panel	482.6 mm × 83.5 mm × 88.9 mm	Black