

Skeleton (SKC) Chassis



Features & Benefits

- Available in 1U and 2U height variants
- Efficient rack utilization (48 x ports per 1U and 120 ports per 2U)
- Fast installation of modules from front or rear
- Fast moves, adds and changes (lower OPEX)
- Easy migration to 40G, 100G and beyond
- Future-proofed with super low-loss connectivity
- Wide range of modules
- Optional door assembly and rear cable manager
- Clear port identification and traceability
- Robust and secure steel construction



Overview

The Skeleton (SKC) Chassis is a modular, standards-based, pre-terminated distribution platform designed to increase port density, improve connector access, and efficiently utilize valuable rack space in central offices. The SKC Chassis, in its basic configuration, will serve 48 LC ports per 1U (96 fibers) or 120 LC ports per 2U (240 fibers) for all network topologies including 10G, 40G and 100G deployments utilizing high performance 8-fiber, 12-fiber and 24-fiber MPO technology.

The SKC Chassis solution facilitates front or rear installable modules (per 1U) that allows multiple fiber connections to be quickly and efficiently installed and maintained, while supporting regular moves, adds and changes. An optional front cable manager and door assembly can be added to the front of the chassis, and a cable manager can also be added at the rear for incoming trunk cable.

Technical Data

Mechanical Data

| Specification | Value |
|--|---|
| Dimensions Chassis (WxDxH) | 491 mm (19.33 in) x 110 mm (4.33 in) x 1U/2U (1U = 44.45 mm/2U = 89 mm) |
| Dimensions Rear Cable Manager (WxDxH) | 445 mm (17.51 in) x 112 mm (4.72 in) x 1U/2U |
| Dimensions Cable Manager Door assembly (WxDxH) | 445 mm (17.51 in) x 120 mm (4.72 in) x 1U/2U (1U = 44.45 mm/2U = 89 mm) |
| Weight Chassis | 1U (1.5 kg), 2U (2.5 kg) |
| Material | Steel chassis (powder coated), plastic ABS |
| Color | Black RAL 9005, Bengal Silver |
| Capacity | 4 x modules per row (2 x rows per 1U/5 x rows per 2U) |
| Density | 48 x LC or MPO ports per 1U/120 x LC or MPO ports per 2U |
| Mounting type | 465 mm (19 in) |

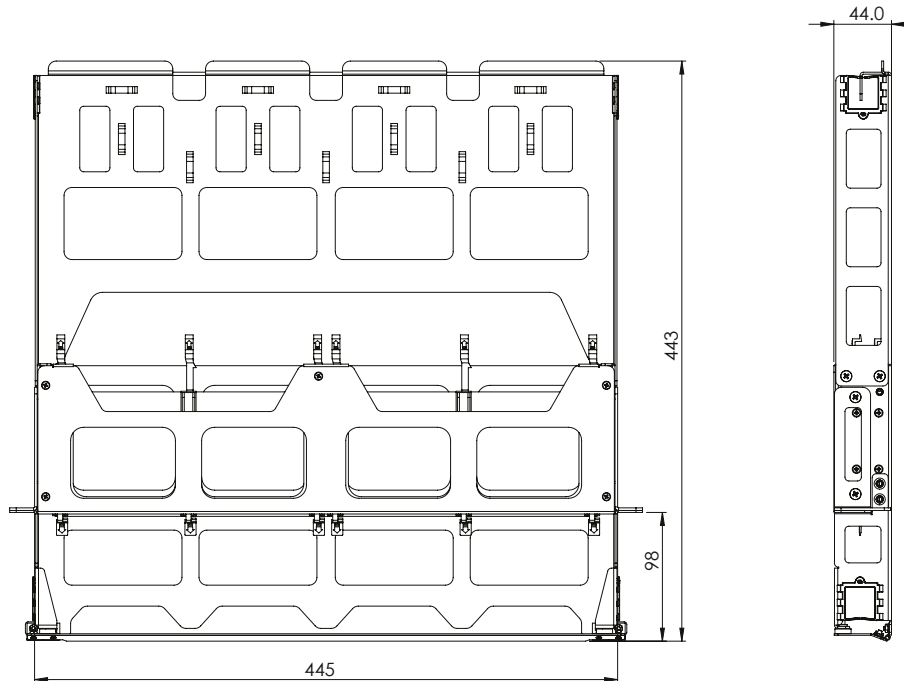
Environmental Data

| Specification | Value |
|-----------------|-----------------|
| Free of halogen | Yes |
| 2011/65/EC RoHS | Fully compliant |

Skeleton (SKC) Chassis



Technical Drawing(including Optional Cable Manager)



Ordering Information

1U SKC Skeleton Chassis Black (RAL9005)

| Part Number | Description |
|--------------|---|
| SKC1U0408BK1 | 1U SKC Chassis, 4 modules per row, 8 modules total, black |
| SKC1UFCMBK1 | 1U Front cable manager (excluding door) for skeleton chassis, black |
| SKC1UFDMBK1 | 1U Front cable manager (including door) for skeleton chassis, black |
| SKC1URCMBK1 | 1U Rear cable manager for skeleton chassis, black |

2U SKC Skeleton Chassis Black (RAL9005)

| Part Number | Description |
|--------------|---|
| SKC2U0420BK1 | 2U SKC Chassis, 4 modules per row, 20 modules total, black |
| SKC2UFCMBK1 | 2U Front cable manager (excluding door) for skeleton chassis, black |
| SKC2UFDMBK1 | 2U Front cable manager (including door) for skeleton chassis, black |
| SKC2URCMBK1 | 2U Rear cable manager for skeleton chassis, black |