MetrixSlide

Server rail catalog

Current product specifications and evidence notes. A catalog match identifies a candidate; final suitability depends on the equipment, rack interfaces and operating conditions.

Stated capacities are distinguished from completed tests. Blank values require confirmation; sample scope, tooling, quantities and timing are agreed for the selected project.

Model	Chassis width	Chassis height	Load capacity	Load evidence	Sliding structure	Rack-side installation
MS-FIX-1U Fixed L-Shaped Rack Support Brackets	430–448 mm (four width classes)	1U, 2U, 3U, 4U	80 kg per pair	Base rating; family options 80–180 kg per pair	Fixed L-shaped support, no sliding mechanism	Screw-mounted
MS-FIX-80 Fixed Rack Support Brackets	430–448 mm (four width classes)	1U, 2U, 3U, 4U	80 kg per pair	Base rating; family configurations 80–180 kg per pair	Fixed bottom support, non-sliding	Screw-mounted
MS-FMR-SW-100 Tool-less Network Switch Rail	430–443 mm	1U, 2U, 3U, 4U	100 kg per pair	Rated; no test report issued	Three-section friction	Tool-less
MS-FMR-1U2U-115 Tool-less Friction Server Rails	Up to approx. 439 mm	1U, 2U, 3U, 4U	115 kg per pair	Specified; no test report issued	Friction	Tool-less
MS-BBR-1U2U-80 Screw-Mounted Ball-Bearing Server Rails	436–439 mm	1U, 2U, 3U, 4U	80 kg per pair	Two-section and three-section configurations; no test report issued	Ball bearing; two-section or three-section	Screw-mounted
MS-FIX-40 Adjustable Fixed Network Switch Support Rails	440–443 mm	1U, 2U, 3U	40 kg per pair	Rated; no test report issued	Fixed support, adjustable installation length	Screw-mounted
MS-FMR-60 Two-Section Friction Server Rail Kit	436–440 mm	1U, 2U, 3U, 4U	60 kg per pair	Specified; no test report issued	Two-section friction	Screw-mounted
MS-TLS-120 Tool-less Ball-Bearing Server Rails	430–435 mm	1U, 2U, 3U, 4U	120 kg per pair	Specified; no test report issued	Ball bearing	Tool-less
MS-FMR-2U-100 Tool-less 2U Friction Server Rails	436–439 mm	1U, 2U, 3U, 4U	100 kg per pair	24-hour static test at full extension, chassis included	Friction	Tool-less
MS-BBR-180 Heavy-Duty Liquid-Cooling Server Rail	436–438 mm	5U+	Up to 180 kg per pair	Nominal; no formal test report	Three-section, dual-row ball bearing	Screw-mounted
MS-BBR-1U4U-80 Two-Section Ball-Bearing Server Rails	435–440 mm	1U, 2U, 3U, 4U	80–180 kg per pair (configuration-dependent)	Specified capacity; applicable configuration and operating conditions require review. No verified test report is published for this model.	Two-section ball-bearing	Screw-mounted
MS-FMR-HP-1U2U-80 Friction Rails for HP Gen8 / Gen9 / Gen10	436–438 mm	1U, 2U	80–180 kg per pair (configuration-dependent)	Specified capacity; applicable configuration and operating conditions require review. No verified test report is published for this model.	Friction sliding	Screw-mounted

Model	Chassis width	Chassis height	Load capacity	Load evidence	Sliding structure	Rack-side installation
MS-TLS-100 Tool-less Ball-Bearing Server Rails	430–434 mm	1U, 2U, 3U, 4U	100 kg per pair	Specified capacity; applicable configuration and operating conditions require review. No verified test report is published for this model.	Ball-bearing	Tool-less
MS-BBR-1U4U-W435 Ball-Bearing Server Rails	430–435 mm	1U, 2U, 3U, 4U	—	—	Ball-bearing	Screw-mounted
MS-TLS-1U4U-100 Tool-less Ultra-Slim Ball-Bearing Server Rails	436–440 mm	1U, 2U, 3U, 4U	100 kg per pair	Specified capacity; applicable configuration and operating conditions require review. No verified test report is published for this model.	Ultra-slim ball-bearing	Tool-less
MS-TLS-1U2U-100 Tool-less Ball-Bearing Server Rails	430–435 mm	1U, 2U	100 kg per pair	Specified capacity; applicable configuration and operating conditions require review. No verified test report is published for this model.	Ball-bearing	Tool-less
MS-FIX-TL-120 Tool-less Fixed Support Rails	—	—	120 kg per pair	Specified capacity; applicable configuration and operating conditions require review. No verified test report is published for this model.	Fixed L-shaped support; installation-length adjustment only	Tool-less
Ultra-Slim Tool-less Ball-Bearing Server Rails	436–440 mm	—	Up to 80 kg per pair	Specified capacity; applicable configuration and operating conditions require review. No verified test report is published for this model.	Three-section ball-bearing	Tool-less

Start with non-confidential chassis dimensions, loaded weight, mounting method and service requirements. Detailed drawings are provided privately after the review scope and confidentiality terms are agreed.