Magnum 6KM Configuration Guide

Magnum 6KM Mobile Switch, base unit with DC or AC power supply and four M12 copper ports. Up to 4 100Mb LC fiber ports or up to four more 10/100 M12 copper ports (or combination) may also be configured, and up to 2 Gb ports. PoE base model and additional PoE configurable slot available. Heavy duty metal case, IP52 for environmental protection, no fans. metal bracket for panel or vertical mounting, DIN-Rail optional. Wire speed filtering and forwarding across all ports. For licensed network management software information (MNS-6K, MNS-6K-SECURE, and S-Ring), see their respective data sheets.

Step 1. Slot A: Choose 6KM chassis and power input type:

Model #	Base Unit, Description
6KM-110VDC	110V (77-137) DC power, slot A has 4 M12 10/100 ports
6KM-12VDC	12V (10-15) DC power, slot A has 4 M12 10/100 ports
6KM-24VDC	24V (18-36) DC power, slot A has 4 M12 10/100 ports
6KM-48VDC	-48V (36-70) DC power, slot A has 4 M12 10/100 ports
6KMP-48VDC	-48V (36-70) DC power, slot A has 4 **PoE** M12 10/100 ports
6KM-125VDC	125V (88-150) DC power, slot A has 4 M12 10/100 ports
6KM-250VDC	250V (160-300) DC power, slot A has 4 M12 10/100 ports
6KM-AC	100 to 240 VAC, 47 to 63 Hz, slot A has 4 M12 10/100 ports

Slot B Slot C Slot A

Step 2. Slot C: If more than 4 ports at 10/100 or fiber at 100Mb is desired, choose one module from below.
Slot C is always *four* ports, of which a maximum of four may be 100Mb fiber. *If ordering PoE, a 48VDC base unit is required.*

Module Model #	10/100 M12 Copper Ports	100BASE-FX LC Fiber Ports
6KM4-4M12	4	0
P6KM4-4M12	4 (PoE)	0
6KM4-4MLC	0	4 mm LC 2km
6KM4-4SLC	0	4 sgl.m LC 20km
6KM4-4SLCL	0	4 sgl.m LC 40km

Step 3. Slot B: Choose from the following for optional Gb. (Gb is only available in slot B. Slot B may only be Gb).

Module Model #	Gigabit M12 Copper Ports	Gigabit LC Fiber Ports
6KM-2GM12	2	0
6KM-2GMLC	0	2 mm LC 2km
6KM-2GSLC	0	2 sgl.m LC 20km
6KM-2GSLCL	0	2 sgl.m LC 40km

Step 4. Choose options and extras:

Model #	Description
DIN-Rail-6KL	DIN-Rail mount for 6KM
DUAL-SRC	2 separate power inputs (12/24/ 48/ or 125VDC)
S-RING-KEY	Software, self-healing ring management
CONSOLE-CBLM	Console attachment cable with an M12 and DB-9 for a PC; includes a conversion cable for DB-9 to USB
CONFORM05-CRM	Conformal coating, 5 mil, for moisture protect
CONFORM14-CRM	Conformal coating, 14 mil, for corrosion protect.
MNS-6K-SECURE	Optional, licensed per switch for extra security

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