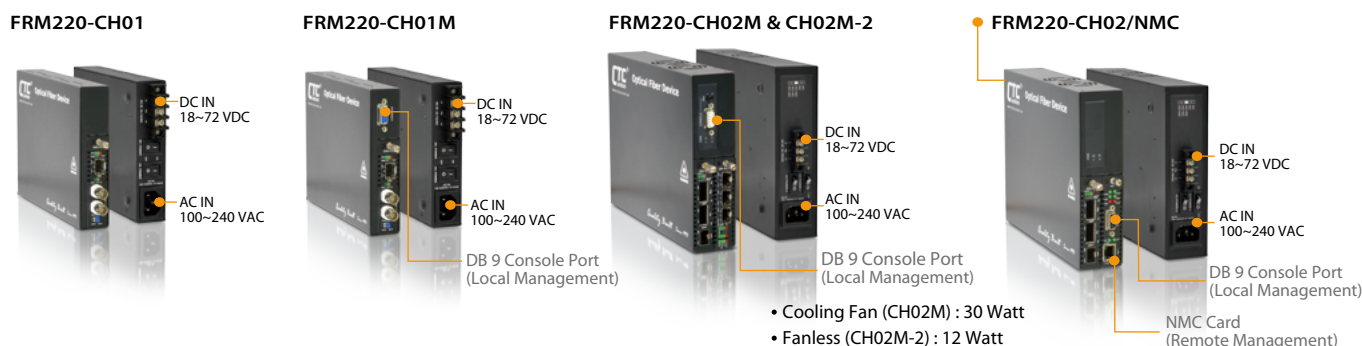


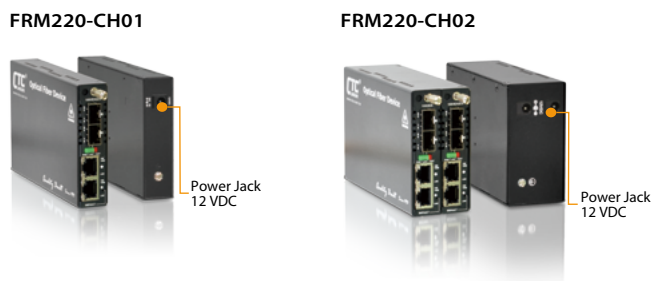
Standalone Chassis for FRM220 Series

The FRM220 product line includes various metal chassis sizes, which can hold from one to twenty FRM220 slide-in modules. The FRM220-CH01 is one slot chassis, which can be installed with one single width blade card for stand-alone applications. The available power options are external AC adapter, built-in AC, DC power or built-in AC+DC, AC+AC, DC+DC redundant power. The FRM220-CH01M is one slot chassis with DB9 console port for local management on supported cards, which can be installed with one single width blade card for stand-alone applications. The available power options are built-in AC, DC or built-in AC+DC redundant power. The FRM220-CH02 is a two slot chassis, which can be installed with one double width blade card for stand-alone applications. The only available power supply option is an external AC adapter. The FRM220-CH02M is a two slot chassis with DB9 console port for local management, which can be installed with either one or two single width blade cards or one double width blade card. The available power supplies are built-in AC, DC or AC+DC redundant power. The FRM220-CH02/NMC is a two slot chassis, the chassis can be SNMP managed when installing one FRM220-NMC card for Web, Telnet, Console, SNMP management, and the available power options are built-in AC, DC or AC+DC redundant power. The FRM220-CH02/NMC should always be used with an NMC card for management and one single width blade card.

Power Build-in Type



AC Adapter Type



Features

- Fanless (CH01, CH01M, CH02, CH02M-2)
- Cooling Fan (CH02M, CH02/NMC)
- Supports DB9 console port for local management (CH01M, CH02M, CH02M-2)
- Telnet, Web, Console, SNMP management via NMC Card (CH02/NMC)

Power Type:

- External Power: DC12
- Internal Power: AC, DC, AD, AA or DD redundant power (option)

Specifications

| | | |
|-----------------------------|---|----------------------------------|
| Power Input (Option) | External Adapter | Input Voltage 100~240VAC 50/60Hz |
| | | Output Voltage 120VDC 1A |
| | Internal Power | AC: 100~240VAC |
| | | DC: 18~72VDC |
| Weight | 0.5~0.8kg (CH01) , 0.9kg (CH01M) | |
| | 0.8kg (CH02) , 1.3kg (CH02M) , 1.2kg (CH02M-2) , 1kg (CH02/NMC) | |

| | | |
|-------------------------------|------------------|---|
| Dimensions (D x W x H) | External Adapter | 160x 88x 24mm (CH01) |
| | | 139x 88x 44mm (CH02) |
| | Internal Power | 180x 135x 35mm (CH01) |
| | | 201x 135x 35mm (CH01M) |
| | | 220x 168x 45mm (CH02M, CH02M-2, CH02/NMC) |
| | | |

FRM220 Standalone Selection Table

| Model Name | Slot | NMC Card Slot | Console Port | Adapter Type | | Power Built-In Type | | | Cooling Fan | Fan-less | Power Module |
|-------------|------|---------------|--------------|---------------------|------------|---------------------|-------------------------------------|---|-------------|----------|--------------|
| | | | | 100~240VAC to 12VDC | 100~240VAC | 18~72VDC | Dual Power 100~240VAC & 18~72VDC | | | | |
| CH01 | 1 | | | ✓ | | | | | ✓ | 12W | |
| CH01-AC | 1 | | | | ✓ | | | | ✓ | 12W | |
| CH01-DC | 1 | | | | | ✓ | | | ✓ | 12W | |
| CH01-AD | 1 | | | | | | ✓ | | ✓ | 12W/12W | |
| CH01M-AC | 1 | | ✓ | | ✓ | | | | ✓ | 12W | |
| CH01M-DC | 1 | | ✓ | | | ✓ | | | ✓ | 12W | |
| CH01M-AD | 1 | | ✓ | | | | ✓ | | ✓ | 12W/12W | |
| CH02 | 2 | | | ✓ | | | | | ✓ | 30W | |
| CH02M-AC | 2 | | ✓ | | ✓ | | | ✓ | | 30W | |
| CH02M-DC | 2 | | ✓ | | | ✓ | | ✓ | | 30W | |
| CH02M-AD | 2 | | ✓ | | | | ✓ | ✓ | | 30W/30W | |
| CH02M-2-AC | 2 | | ✓ | | ✓ | | | | ✓ | 12W | |
| CH02M-2-DC | 2 | | ✓ | | | ✓ | | | ✓ | 12W | |
| CH02M-2-AD | 2 | | ✓ | | | | ✓ | | ✓ | 12W/12W | |
| CH02/NMC-AC | 2 | ✓ | | | ✓ | | | ✓ | | 30W | |
| CH02/NMC-DC | 2 | ✓ | | | | ✓ | | ✓ | | 30W | |
| CH02/NMC-AD | 2 | ✓ | | | | | ✓ | ✓ | | 30W/30W | |
| CH04A-AC | 4 | ✓ | | | ✓ | | | ✓ | | 65W | |
| CH04A-DC | 4 | ✓ | | | | ✓ | | ✓ | | 50W | |
| CH04A-AD | 4 | ✓ | | | | | ✓ | ✓ | | 65W/50W | |

How to order

- DIP Switch Configuration Order: CH01 and CH02
- Local Console Management Order: CH01M, CH02M and CH02M-2. "M" means the chassis with Console Management.
- Remote Web / SNMP Management Order: CH02 / NMC, CH04A
- Power Type: AD = AC + DC Power

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Example: FRM220 - CH01-AD

FRM220 - CH02/NMC - □□^{Power Type}

Example: FRM220 - CH02/NMC-AD

Note: NMC card not included in CH02/NMC & CH04A chassis, it must purchase separately