



# MC400 Modular Modem



*Shown: MC400-1200M-B*

## Supported Products: MC400-1200M-B LTE Advanced Pro/HSPA+

- AER2200
- AER1600 Series
- COR IBR1700
- COR IBR900 Series with COR Extensibility Dock
- COR IBR600B/C Series with COR Extensibility Dock
- ARC CBA850

### MC400-1200M-B LTE Advanced Pro/HSPA+

- Technology: Category 18 LTE Advanced Pro, DC-HSPA+ with SIM-based auto-carrier selection
- The MC400-1200M is FirstNet Ready™
- Downlink Rates: LTE 1.2 Gbps, DC-HSPA+ 42.2 Mbps\*
- Uplink Rates: LTE 150 Mbps, DC-HSPA+ 5.76 Mbps\*
- MIMO: 2x2 or 4x4 MIMO
- 256 QAM support
- Frequency Bands:
  - LTE Bands
    - LTE FDD: 1, 2(25), 3, 4(66), 5(26/18/19), 7, 8, 12(17), 13, 14, 20, 28, 29, 30, 32, 71
    - LTE TDD: 38, 39, 40, 41, 43, 46,48
    - 1200M-B Antenna Mapping:
      - Main/Aux 0: 1, 2(25), 3, 4(66), 5(26/18/19), 7, 8, 12(17), 13, 14, 20, 28, 29, 39, 71, [41] for 4x4 MIMO
      - Main/Aux 1: 7, 30, 32, 38, 40, 41, 42, 43, 13, 46, 48, [2(25)] for 4x4 MIMO, [4(66)] for 4x4 MIMO
      - If Main/Aux 1 is not connected, these bands are not supported: 7, 30, 32,38, 40, 41, 42, 43, 46, 48
- Carrier Aggregation: Up to 5CA. [ ] indicates 4x4 MIMO
  - AT&T:
    - LTE FDD: 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 29 (DL), 30, 66, 71 (FDD)
    - LTE TDD: 41, 46 (DL), 48
  - 3G DC-HSPA+: 1, 2, 4, 5, 8
    - 2CA DL carrier aggregation combinations:
      - CA\_[2A]-[4A], CA\_[2A]-5A, CA\_2A-7A, CA\_[2A]-12A, CA\_[2A]-14A, CA\_[2A]-29A, CA\_2A-30A, CA\_[2A]-46A, CA\_[2A]-48A, CA\_[2A]-[66A], CA\_[2A]-71A, CA\_[4A]-5A, CA\_4A-7A, CA\_[4A]-12A, CA\_[4A]-29A, CA\_4A-30A, CA\_[4A]-46A, CA\_[4A]-71A, CA\_5A-30A, CA\_5A-[66A], CA\_7A-12A, CA\_12A-30A, CA\_12A-[66A], CA\_14A-30A, CA\_14A-[66A], CA\_[25A]-26A, CA\_25A-41A, CA\_26A-[41A], CA\_29A-30A, CA\_29A-[66A], CA\_30A-66A, CA\_46A-[66A], CA\_48A-[66A], CA\_[66A]-71A, CA\_[2A]-[2A], CA\_[4A]-[4A], CA\_[25A]-[25A], CA\_[41A]-[41A], CA\_48A-48A, CA\_[66A]-[66A], CA\_[2C], CA\_5B, CA\_7C, CA\_12B, CA\_[41C], CA\_48C, CA\_[66B], CA\_[66C]
    - 3CA DL carrier aggregation combinations:
      - CA\_[2A]-2A-5A, CA\_2A-[2A]-5A, CA\_[2A]-2A-12A, CA\_2A-[2A]-12A, CA\_2A-2A-30A, CA\_[2A]-2A-66A, CA\_2A-[2A]-66A, CA\_2A-2A-[66A], CA\_[2A]-2A-71A, CA\_2A-[2A]-71A, CA\_[2A]-4A-4A, CA\_2A-[4A]-4A, CA\_2A-4A-[4A], CA\_[2A]-4A-5A, CA\_2A-[4A]-5A, CA\_[2A]-4A-12A, CA\_2A-[4A]-12A, CA\_[2A]-4A-29A, CA\_2A-[4A]-29A, CA\_2A-4A-30A, CA\_[2A]-4A-71A, CA\_2A-[4A]-71A, CA\_2A-5A-30A, CA\_[2A]-5A-66A, CA\_2A-5A-[66A], CA\_2A-7A-12A, CA\_2A-12A-30A, CA\_[2A]-12A-66A, CA\_2A-12A-[66A], CA\_[2A]-12B, CA\_2A-14A-30A, CA\_[2A]-14A-66A, CA\_2A-14A-[66A], CA\_2A-29A-30A, CA\_2A-30A-66A, CA\_[2A]-46A-46A, CA\_[2A]-46A-66A, CA\_2A-46A-[66A], CA\_[2A]-46C, CA\_[2A]-48A-48A, CA\_[2A]-48C, CA\_[2A]-48A-66A, CA\_2A-48A-[66A], CA\_[2A]-66A-66A, CA\_2A-[66A]-66A, CA\_2A-66A-[66A], CA\_[2A]-66A-71A,

CA\_2A-[66A]-71A, CA\_[2A]-[66C], CA\_[2A]-66C, CA\_2A-[66C], CA\_[4A]-4A-5A, CA\_4A-[4A]-5A, CA\_4A-4A-7A, CA\_[4A]-4A-12A, CA\_4A-[4A]-12A, CA\_4A-4A-30A, CA\_[4A]-4A-71A, CA\_4A-[4A]-71A, CA\_4A-5A-30A, CA\_4A-7A-12A, CA\_4A-12A-30A, CA\_[4A]-12B, CA\_4A-29A-30A, CA\_[4A]-46A-46A, CA\_[4A]-46C, CA\_5A-30A-66A, CA\_5A-[66A]-66A, CA\_5A-66A-[66A], CA\_5A-[66C], CA\_12A-30A-66A, CA\_12A-[66A]-66A, CA\_12A-66A-[66A], CA\_12A-[66C], CA\_14A-30A-66A, CA\_14A-[66A]-66A, CA\_14A-66A-[66A], CA\_[25A]-25A-26A, CA\_25A-[25A]-26A, CA\_25A-41C, CA\_26A-[41C], CA\_29A-30A-66A, CA\_29A-[66A]-66A, CA\_29A-66A-[66A], CA\_30A-66A-66A, CA\_[41A]-[41C], CA\_[41A]-41C, CA\_41A-[41C], CA\_[41D], CA\_46C-[66A], CA\_48A-48C, CA\_48D, CA\_48A-48A-[66A], CA\_48C-[66A], CA\_[66A]-66A-71A, CA\_66A-[66A]-71A

— 4CA DL carrier aggregation combinations:

CA\_2A-2A-5A-30A, CA\_2A-2A-5A-66A, CA\_2A-2A-12A-30A, CA\_2A-2A-12A-66A, CA\_2A-2A-29A-30A, CA\_2A-2A-66A-66A, CA\_2A-2A-66A-71A, CA\_[2A]-2A-66C, CA\_2A-[2A]-66C, CA\_2A-2A-[66C], CA\_2A-4A-4A-12A, CA\_2A-4A-5A-30A, CA\_2A-4A-7A-12A, CA\_2A-4A-12A-30A, CA\_2A-5A-30A-66A, CA\_2A-5A-66A-66A, CA\_2A-5B-30A, CA\_[2A]-5B-66A, CA\_2A-5B-[66A], CA\_2A-12A-30A-66A, CA\_2A-12A-66A-66A, CA\_2A-29A-30A-66A, CA\_2A-46A-46A-66A, CA\_[2A]-46A-46C, CA\_[2A]-46C-66A, CA\_2A-46C-[66A], CA\_[2A]-46D, CA\_2A-66A-66A-71A, CA\_2A-66C-71A, CA\_[2C]-66A-66A, CA\_2C-[66A]-66A, CA\_2C-66A-[66A], CA\_4A-4A-12A-30A, CA\_[4A]-46A-46C, CA\_[4A]-46D, CA\_5A-30A-66A-66A, CA\_5B-30A-66A, CA\_5B-66A-66A, CA\_12A-30A-66A-66A, CA\_25A-41D, CA\_29A-30A-66A-66A, CA\_[41A]-41D, CA\_[41C]-41C, CA\_41C-[41C], CA\_41E, CA\_46A-46C-[66A], CA\_46D-[66A], CA\_48D-[66A], CA\_48E

— 5CA DL carrier aggregation combinations:

CA\_2A-2A-46D, CA\_2A-5B-30A-66A, CA\_2A-5B-66A-66A, CA\_2A-46A-46C-66A, CA\_2A-46D-66A, CA\_5B-30A-66A-66A, CA\_46D-66A-66A

— 2CA UL carrier aggregation combinations:

UL\_2A-5A, UL\_2A-12A, UL\_4A-12A, UL\_5A-66A, UL\_5B, UL\_41C

— Verizon:

— LTE Bands:

— LTE FDD: 2, 4, 5, 13, 66 (FDD)

— LTE TDD: 48

— 3G DC-HSPA+: 1, 2, 4, 5, 8 (roaming)

— 2CA DL carrier aggregation combinations:

CA\_[2A]-[2A], CA\_[2A]-[4A], CA\_[2A]-5A, CA\_[2A]-13A, CA\_[2A]-[66A], CA\_[4A]-[4A], CA\_[4A]-5A, CA\_[4A]-13A, CA\_5A-[66A], CA\_5B, CA\_13A[66A], CA\_[66A]-[66A], CA\_[66B], CA\_[66C], CA\_[2A]-48A, CA\_13A-48A, CA\_48A-[66A]

— 3CA DL carrier aggregation combinations:

CA\_[2A]-2A-5A, CA\_[2A]-2A-13A, CA\_[2A]-2A-66A, CA\_2A-2A-[66A], CA\_[2A]-4A-5A, CA\_2A-[4A]-5A, CA\_[2A]-4A-13A, CA\_2A-[4A]-13A, CA\_[2A]-5A-66A, CA\_2A-5A-[66A], CA\_[2A]-13A-66A, CA\_2A-13A-[66A], CA\_[2A]-66A-66A, CA\_2A-[66A]-66A, CA\_[2A]-[66B], CA\_[2A]-[66C], CA\_[4A]-4A-5A, CA\_[4A]-4A-13A, CA\_5A-[66A]-66A, CA\_5A-[66B], CA\_5A[66C], CA\_13A-[66A]-66A, CA\_13A-[66B], CA\_13A-[66C], CA\_[66A]-[66C], CA\_[66D], CA\_[2A]-48A-48A, CA\_[2A]-48A-66A, CA\_2A-48A-[66A], CA\_[2A]-48C, CA\_13A-48A-48A, CA\_13A-48A-[66A], CA\_13A-48C, CA\_48A-48A-[66A], CA\_48A-[66A]-66A, CA\_48A-[66B], CA\_48C-[66A]

— 4CA DL carrier aggregation combinations:

CA\_2A-48A-48A-66A, CA\_[2A]-48D, CA\_13A-48A-48A-66A, CA\_13A-48A-48C, CA\_13A-48C-[66A], CA\_13A-48D, CA\_48A-48A-66A-66A, CA\_48A-48A-[66B], CA\_48A-48A-[66C], CA\_48A-48C-[66A], CA\_48D-[66A]

— 5CA DL carrier aggregation combinations:

CA\_2A-48E, CA\_13A-48A-48C-66A, CA\_13A-48C-48C, CA\_13A-48D-66A, CA\_13A-48E, CA\_48A-48C-66B, CA\_48A-48C-66C, CA\_48C-48C-66A, CA\_48E-66A

- 2CA UL carrier aggregation combinations:

CA\_2A-13A, CA\_4A-13A

- North American Generic:

- LTE Bands:

- LTE FDD: 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 29 (DL), 30, 66, 71 (FDD)

- LTE TDD: 41, 46 (DL), 48

- 3G DC-HSPA+: 1, 2, 4, 5, 8

- 2CA DL carrier aggregation combinations:

CA\_[2A]-[4A], CA\_[2A]-5A, CA\_2A-7A, CA\_[2A]-12A, CA\_[2A]-14A, CA\_[2A]-29A, CA\_2A-30A, CA\_[2A]-46A, CA\_[2A]-48A, CA\_[2A]-[66A], CA\_[2A]-71A, CA\_[4A]-5A, CA\_4A-7A, CA\_[4A]-12A, CA\_[4A]-29A, CA\_4A-30A, CA\_[4A]-46A, CA\_[4A]-71A, CA\_5A-30A, CA\_5A-[66A], CA\_7A-12A, CA\_12A-30A, CA\_12A-[66A], CA\_14A-30A, CA\_14A-[66A], CA\_[25A]-26A, CA\_25A-41A, CA\_26A-[41A], CA\_29A-30A, CA\_29A-[66A], CA\_30A-66A, CA\_46A-[66A], CA\_48A-[66A], CA\_[66A]-71A, CA\_[2A]-[2A], CA\_[4A]-[4A], CA\_[25A]-[25A], CA\_[41A]-[41A], CA\_48A-48A, CA\_[66A]-[66A], CA\_[2C], CA\_5B, CA\_7C, CA\_12B, CA\_[41C], CA\_48C, CA\_[66B], CA\_[66C]

- 3CA DL carrier aggregation combinations:

CA\_[2A]-2A-5A, CA\_2A-[2A]-5A, CA\_[2A]-2A-12A, CA\_2A-[2A]-12A, CA\_2A-2A-30A, CA\_[2A]-2A-66A, CA\_2A-[2A]-66A, CA\_2A-2A-[66A], CA\_[2A]-2A-71A, CA\_2A-[2A]-71A, CA\_[2A]-4A-4A, CA\_2A-[4A]-4A, CA\_2A-4A-[4A], CA\_[2A]-4A-5A, CA\_2A-[4A]-5A, CA\_[2A]-4A-12A, CA\_2A-[4A]-12A, CA\_[2A]-4A-29A, CA\_2A-[4A]-29A, CA\_2A-4A-30A, CA\_[2A]-4A-71A, CA\_2A-[4A]-71A, CA\_2A-5A-30A, CA\_[2A]-5A-66A, CA\_2A-5A-[66A], CA\_2A-7A-12A, CA\_2A-12A-30A, CA\_[2A]-12A-66A, CA\_2A-12A-[66A], CA\_[2A]-12B, CA\_2A-14A-30A, CA\_[2A]-14A-66A, CA\_2A-14A-[66A], CA\_2A-29A-30A, CA\_2A-30A-66A, CA\_[2A]-46A-46A, CA\_[2A]-46A-66A, CA\_2A-46A-[66A], CA\_[2A]-46C, CA\_[2A]-48A-48A, CA\_[2A]-48C, CA\_[2A]-48A-66A, CA\_2A-48A-[66A], CA\_[2A]-66A-66A, CA\_2A-[66A]-66A, CA\_2A-66A-[66A], CA\_[2A]-66A-71A, CA\_2A-[66A]-71A, CA\_[2A]-[66C], CA\_[2A]-66C, CA\_2A-[66C], CA\_[4A]-4A-5A, CA\_4A-[4A]-5A, CA\_4A-4A-7A, CA\_[4A]-4A-12A, CA\_4A-[4A]-12A, CA\_4A-4A-30A, CA\_[4A]-4A-71A, CA\_4A-[4A]-71A, CA\_4A-5A-30A, CA\_4A-7A-12A, CA\_4A-12A-30A, CA\_[4A]-12B, CA\_4A-29A-30A, CA\_[4A]-46A-46A, CA\_[4A]-46C, CA\_5A-30A-66A, CA\_5A-[66A]-66A, CA\_5A-66A-[66A], CA\_5A-[66C], CA\_12A-30A-66A, CA\_12A-[66A]-66A, CA\_12A-66A-[66A], CA\_12A-[66C], CA\_14A-30A-66A, CA\_14A-[66A]-66A, CA\_14A-66A-[66A], CA\_[25A]-25A-26A, CA\_25A-[25A]-26A, CA\_25A-41C, CA\_26A-[41C], CA\_29A-30A-66A, CA\_29A-[66A]-66A, CA\_29A-66A-[66A], CA\_30A-66A-66A, CA\_[41A]-[41C], CA\_[41A]-41C, CA\_41A-[41C], CA\_[41D], CA\_46C-[66A], CA\_48A-48C, CA\_48D, CA\_48A-48A-[66A], CA\_48C-[66A], CA\_[66A]-66A-71A, CA\_66A-[66A]-71A

- 4CA DL carrier aggregation combinations:

CA\_2A-2A-5A-30A, CA\_2A-2A-5A-66A, CA\_2A-2A-12A-30A, CA\_2A-2A-12A-66A, CA\_2A-2A-29A-30A, CA\_2A-2A-66A-66A, CA\_2A-2A-66A-71A, CA\_[2A]-2A-66C, CA\_2A-[2A]-66C, CA\_2A-2A-[66C], CA\_2A-4A-4A-12A, CA\_2A-4A-5A-30A, CA\_2A-4A-7A-12A, CA\_2A-4A-12A-30A, CA\_2A-5A-30A-66A, CA\_2A-5A-66A-66A, CA\_2A-5B-30A, CA\_[2A]-5B-66A, CA\_2A-5B-[66A], CA\_2A-12A-30A-66A, CA\_2A-12A-66A-66A, CA\_2A-29A-30A-66A, CA\_2A-46A-46A-66A, CA\_[2A]-46A-46C, CA\_[2A]-46C-66A, CA\_2A-46C-[66A], CA\_[2A]-46D, CA\_2A-66A-66A-71A, CA\_2A-66C-71A, CA\_[2C]-66A-66A, CA\_2C-[66A]-66A, CA\_2C-66A-[66A], CA\_4A-4A-12A-30A, CA\_[4A]-46A-46C, CA\_[4A]-46D, CA\_5A-30A-66A-66A, CA\_5B-30A-66A, CA\_5B-66A-66A, CA\_12A-30A-66A-66A, CA\_25A-41D, CA\_29A-30A-66A-66A, CA\_[41A]-41D, CA\_[41C]-41C, CA\_41C-[41C], CA\_41E, CA\_46A-46C-[66A], CA\_46D-[66A], CA\_48D-[66A], CA\_48E

- 5CA DL carrier aggregation combinations:

CA\_2A-2A-46D, CA\_2A-5B-30A-66A, CA\_2A-5B-66A-66A, CA\_2A-46A-46C-66A, CA\_2A-46D-66A, CA\_5B-30A-66A-66A, CA\_46D-66A-66A

- 2CA UL carrier aggregation combinations:

UL\_2A-5A, UL\_2A-12A, UL\_4A-12A, UL\_5A-66A, UL\_5B, UL\_41C

## — EU/APAC Generic:

## — LTE Bands:

- LTE FDD: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 28, 29 (DL), 30, 32, 66, 71
- LTE TDD: 38, 39, 40, 41, 42, 43, 46 (DL), 48

## — 3G DC-HSPA+: 1, 2, 4, 5, 8, 9, 19

## — 2CA DL carrier aggregation combinations:

CA\_1A-3A, CA\_1A-5A, CA\_1A-7A, CA\_1A-8A, CA\_1A-18A, CA\_1A-19A, CA\_1A-20A, CA\_1A-26A, CA\_1A-28A, CA\_1A-32A, CA\_1A-38A, CA\_1A-40A, CA\_1A-41A, CA\_1A-42A, CA\_[2A]-[4A], CA\_[2A]-5A, CA\_[2A]-7A, CA\_[2A]-12A, CA\_[2A]-28A, CA\_[2A]-46A, CA\_[2A]-48A, CA\_[2A]-[66A], CA\_[2A]-71A, CA\_3A-5A, CA\_3A-7A, CA\_3A-8A, CA\_3A-19A, CA\_3A-20A, CA\_3A-26A, CA\_3A-28A, CA\_3A-32A, CA\_3A-38A, CA\_3A-40A, CA\_3A-42A, CA\_[4A]-5A, CA\_4A-7A, CA\_[4A]-12A, CA\_[4A]-28A, CA\_[4A]-46A, CA\_5A-7A, CA\_7A-8A, CA\_7A-12A, CA\_7A-20A, CA\_7A-28A, CA\_7A-42A, CA\_8A-38A, CA\_8A-40A, CA\_8A-42A, CA\_12A-[66A], CA\_20A-32A, CA\_20A-38A, CA\_20A-40A, CA\_20A-42A, CA\_26A-[41A], CA\_28A-40A, CA\_28A-42A, CA\_39A-41A, CA\_40A-42A, CA\_46A-[66A], CA\_48A-[66A], CA\_[66A]-71A, CA\_1A-1A, CA\_[2A]-[2A], CA\_3A-3A, CA\_[4A]-[4A], CA\_7A-7A, CA\_40A-40A, CA\_42A-42A, CA\_48A-48A, CA\_[66A]-[66A], CA\_[2C], CA\_3C, CA\_7B, CA\_7C, CA\_8B, CA\_12B, CA\_38C, CA\_39C, CA\_40C, CA\_[41C], CA\_42C, CA\_48C, CA\_[66B], CA\_[66C]

## — 3CA DL carrier aggregation combinations:

CA\_1A-1A-3A, CA\_1A-3A-3A, CA\_1A-3A-7A, CA\_1A-3A-8A, CA\_1A-3A-19A, CA\_1A-3A-20A, CA\_1A-3A-28A, CA\_1A-3A-32A, CA\_1A-3A-38A, CA\_1A-3A-40A, CA\_1A-3A-41A, CA\_1A-3A-42A, CA\_1A-3C, CA\_1A-7A-7A, CA\_1A-7A-8A, CA\_1A-7A-20A, CA\_1A-7A-28A, CA\_1A-7A-42A, CA\_1A-7C, CA\_1A-8A-40A, CA\_1A-20A-32A, CA\_1A-20A-42A, CA\_1A-28A-42A, CA\_1A-40C, CA\_1A-41C, CA\_1A-42C, CA\_1A-46C, CA\_1C-3A, CA\_[2A]-2A-12A, CA\_2A-[2A]-12A, CA\_[2A]-2A-66A, CA\_2A-[2A]-66A, CA\_2A-2A-[66A], CA\_[2A]-2A-71A, CA\_2A-[2A]-71A, CA\_[2A]-4A-4A, CA\_2A-[4A]-4AC, CA\_2A-4A-[4A], CA\_[2A]-4A-5A, CA\_2A-[4A]-5A, CA\_[2A]-4A-12A, CA\_2A-[4A]-12A, CA\_[2A]-4A-29A, CA\_2A-[4A]-29A, CA\_[2A]-4A-71A, CA\_2A-[4A]-71A, CA\_2A-7A-12A, CA\_[2A]-12A-66A, CA\_2A-12A-[66A], CA\_[2A]-12B, CA\_[2A]-46A-46A, CA\_[2A]-46A-66A, CA\_2A-46A-[66A], CA\_[2A]-46C, CA\_[2A]-48A-48A, CA\_[2A]-48C, CA\_[2A]-48A-66A, CA\_2A-48A-[66A], CA\_[2A]-66A-66A, CA\_2A-[66A]-66A, CA\_2A-66A-[66A], CA\_[2A]-66A-71A, CA\_2A-[66A]-71A, CA\_[2A]-[66C], CA\_[2A]-66C, CA\_2A-[66C], CA\_3A-3A-7A, CA\_3A-3A-8A, CA\_3A-3A-20A, CA\_3A-3A-28A, CA\_3C-5A, CA\_3A-7A-7A, CA\_3A-7A-8A, CA\_3A-7A-20A, CA\_3A-7A-28A, CA\_3A-7A-42A, CA\_3A-7B, CA\_3A-7C, CA\_3C-7A, CA\_3A-8A-38A, CA\_3A-8A-40A, CA\_3C-8A, CA\_3A-20A-32A, CA\_3A-20A-42A, CA\_3A-28A-40A, CA\_3A-28A-42A, CA\_3C-20A, CA\_3C-28A, CA\_3A-40A-40A, CA\_3A-40C, CA\_3A-42A-42A, CA\_3A-42C, CA\_3A-46C, CA\_3C-32A, CA\_3C-38A, CA\_3C-40A, CA\_4A-4A-7A, CA\_[4A]-4A-12A, CA\_4A-[4A]-12A, CA\_[4A]-4A-71A, CA\_4A-[4A]-71A, CA\_4A-7A-12A, CA\_[4A]-12B, CA\_[4A]-46A-46A, CA\_[4A]-46C, CA\_7A-7A-8A, CA\_7A-20A-42A, CA\_7C-20A, CA\_7B-28A, CA\_7C-28A, CA\_7A-46C, CA\_8A-40C, CA\_8A-42C, CA\_12A-[66A]-66A, CA\_12A-66A-[66A], CA\_12A-[66C], CA\_19A-42C, CA\_20A-38C, CA\_28A-40C, CA\_28A-42C, CA\_40A-40C, CA\_40D, CA\_40A-42C, CA\_40C-42A, CA\_42A-42C, CA\_42D, CA\_46C-[66A], CA\_48A-48C, CA\_48D, CA\_48A-48A-[66A], CA\_48C-[66A], CA\_[66A]-66A-71A, CA\_66A-[66A]-71A

## — 4CA DL carrier aggregation combinations:

CA\_1A-1A-3A-28A, CA\_1A-3A-3A-28A, CA\_1A-3A-7A-7A, CA\_1A-3A-7C, CA\_1A-3A-7A-8A, CA\_1A-3A-7A-20A, CA\_1A-3A-7A-28A, CA\_1A-3A-8A-40A, CA\_1A-3A-3A-8A, CA\_1A-3A-40C, CA\_1A-3A-42C, CA\_1A-3C-5A, CA\_1A-3C-7A, CA\_1A-3C-8A, CA\_1A-3C-28A, CA\_1A-7C-28A, CA\_1A-42D, CA\_1A-46D, CA\_2A-2A-12A-66A, CA\_2A-2A-66A-66A, CA\_2A-2A-66A-71A, CA\_[2A]-2A-66C, CA\_2A-[2A]-66C, CA\_2A-2A-[66C], CA\_2A-4A-7A-12A, CA\_2A-12A-66A-66A, CA\_2A-46A-46A-66A, CA\_[2A]-46A-46C, CA\_[2A]-46C-66A, CA\_2A-46C-[66A], CA\_[2A]-46D, CA\_[2C]-66A-66A, CA\_2C-[66A]-66A, CA\_2C-66A-[66A], CA\_3A-3A-7A-7A, CA\_3A-3A-7A-8A, CA\_3A-3A-7A-20A, CA\_3A-3A-7A-28A, CA\_3A-5A-7A-7A, CA\_3A-7A-7A-8A, CA\_3A-7C-20A, CA\_3A-7C-28A, CA\_3A-28A-40C, CA\_3A-28A-42C, CA\_3A-40D, CA\_3A-46D, CA\_3C-7A-20A, CA\_3C-7A-28A, CA\_3C-7C, CA\_3C-40C, CA\_[4A]-46A-46C, CA\_[4A]-46D, CA\_7A-46D, CA\_28A-40D, CA\_28A-46D, CA\_40C-40C, CA\_40C-42C, CA\_40E, CA\_[41C]-42C, CA\_42C-42C, CA\_42E, CA\_46A-46C-[66A], CA\_46D-[66A], CA\_48D-[66A], CA\_48E

- 5CA DL carrier aggregation combinations:  
CA\_1A-3A-7C-28A, CA\_1A-3C-7C, CA\_1A-3C-40C, CA\_2A-46A-46C-66A, CA\_2A-46D-66A, CA\_3A-28A-40D, CA\_3C-7C-28A, CA\_3A-40E
  - 2CA UL carrier aggregation combinations:  
CA\_1A-7A, CA\_1A-8A, CA\_1A-28A, CA\_3A-7A, CA\_3A-8A, CA\_3A-20A, CA\_3A-28A, CA\_4A-7A, CA\_3C, CA\_7C, CA\_38C, CA\_39C, CA\_40C, CA\_41C, CA\_42C
  - Fallback: WCDMA/DC-HSPA+ (42/5.76 Mbps): Bands 1, 2, 4, 5, 8, 9, 19
  - Power: LTE 23 dBm ± 1, DC-HSPA+ 23 dBm ± 1
  - Antennas: SMA & RP-SMA male plugs, torque not to exceed 4 in-lbs
  - GPS: Active GPS support
  - SMS: SMS support
  - Industry Standards & Certs: FCC, IC, CE, PTCRB, GCF-CC, AT&T, FirstNet Ready, Verizon  
Pending: (Singapore, Malaysia, South Africa)
  - Requires modem doors that accommodate five antenna ports:
    - MA-MC400-1200M-B modem includes IBR1700 & COR Extensibility Dock doors, no antennas
    - BA-MC400-1200M-B modem includes AER2200 & AER1600 doors & 4 black antennas
    - BB-MC400-1200M-B modem includes CBA850 door & 4 white antennas
- 

## Supported Products: MC400-1200M

- AER2200
- AER1600 Series
- COR IBR1700
- COR IBR900 Series with COR Extensibility Dock
- COR IBR600B/C Series with COR Extensibility Dock
- ARC CBA850

### MC400-1200M LTE Advanced Pro/HSPA+

- Technology: Category 18 LTE Advanced Pro, DC-HSPA+ with SIM-Based Auto-carrier Selection for AT&T/FirstNet and Verizon
- The MC400-1200M is FirstNet Ready™
- Downlink Rates: LTE 1.2 Gbps, DC-HSPA+ 42.2 Mbps\*
- Uplink Rates: LTE 150 Mbps, DC-HSPA+ 5.76 Mbps\*
- MIMO: 2x2 or 4x4 MIMO
- 256 QAM support
- Frequency Bands:
  - LTE Bands
    - LTE FDD: 2, 4(66), 5, 12, 13, 14, 29, 30
    - LTE TDD: 46,48
- Carrier Aggregation: Up to 5CA. [ ] indicates 4x4 MIMO
  - AT&T: 2,4,5,12,14,29,30,66,46; 3G 2, 5

- 2CA DL carrier aggregation combinations:  
 CA\_[2A]-[2A], CA\_[2A]-[4A], CA\_2A-5A, CA\_2A-12A, CA\_2A-14A, CA\_2A29A, CA\_2A-30A, CA\_[2A]-46A, CA\_[2A]-[66A], CA\_2C, CA\_[4A]-[4A], CA\_4A-5A, CA\_4A-12A, CA\_4A-29A, CA\_4A-30A, CA\_[4A]-46A, CA\_5A30A, CA\_5A-66A, CA\_5B, CA\_12A-30A, CA\_12A-66A, CA\_12B, CA\_14A30A, CA\_14A-66A, CA\_29A-30A, CA\_29A-66A, CA\_30A-66A, CA\_[66A][66A], CA\_66B, CA\_66C
- 3CA DL carrier aggregation combinations:  
 CA\_2A-2A-5A, CA\_[2A]-2A-12A, CA\_2A-2A-14A, CA\_2A-2A-30A, CA\_2A2A-66A, CA\_[2A]-4A-4A, CA\_2A-[4A]-[4A], CA\_[2A]-4A-5A, CA\_2A-[4A]-5A, CA\_[2A]-4A-12A, CA\_2A-[4A]-12A, CA\_2A-4A-30A, CA\_2A-5A-30A, CA\_[2A]-5A-66A, CA\_2A-5A-[66A], CA\_2A-12A-30A, CA\_[2A]-12A-66A, CA\_2A-12A-[66A], CA\_2A-14A-30A, CA\_2A-14A-66A, CA\_2A-29A-30A, CA\_2A-30A-66A, CA\_2A-46C, CA\_2A-66A-66A, CA\_[4A]-4A-5A, CA\_[4A]4A-12A, CA\_4A-4A-30A, CA\_4A-5A-30A, CA\_4A-12A-30A, CA\_4A-12B, CA\_4A-29A-30A, CA\_5A-30A-66A, CA\_5A-66A-66A, CA\_5A-66C, CA\_12A30A-66A, CA\_12A-[66A]-66A, CA\_14A-30A-66A, CA\_14A-66A-66A, CA\_29A-30A-66A, CA\_29A-66A-66A, CA\_30A-66A-66A
- 4CA DL carrier aggregation combinations:  
 CA\_2A-2A-5A-30A, CA\_2A-2A-5A-66A, CA\_2A-2A-12A-30A, CA\_2A-2A12A-66A, CA\_2A-2A-14A-66A, CA\_2A-2A-29A-30A, CA\_2A-2A-66A-66A, CA\_2A-4A-4A-12A, CA\_2A-4A-5A-30A, CA\_2A-4A-12A-30A, CA\_2A-5A30A-66A, CA\_2A-5A-66A-66A, CA\_2A-5B-30A, CA\_2A-5B-66A, CA\_2A12A-30A-66A, CA\_2A-12A-66A-66A, CA\_2A-14A-30A-66A, CA\_2A-14A66A-66A, CA\_2A-29A-30A-66A, CA\_[2A]-46D, CA\_[4A]-46D, CA\_4A-4A12A-30A, CA\_5A-30A-66A-66A, CA\_5B-30A-66A, CA\_5B-66A-66A, CA\_12A-30A-66A-66A, , CA\_14A-30A-66A-66A, CA\_29A-30A-66A-66A, CA\_46D-[66A]
- 5CA DL carrier aggregation combinations:  
 CA\_2A-2A-46D, CA\_2A-5B-30A-66A, CA\_2A-5B-66A-66A, CA\_2A-46D66A, CA\_5B-30A-66A-66A, CA\_46D-66A-66A
- 2CA UL carrier aggregation combinations:  
 CA\_2A-12A, CA\_2A-5A, CA\_4A-12A, CA\_5A-66A, CA\_5B, CA\_12A-66A
- Verizon: 2, 4, 5, 13, 66, 48; 3G (roaming): 1, 2, 4, 5, 8
- 2CA DL carrier aggregation combinations:  
 CA\_[2A]-[2A], CA\_[2A]-[4A], CA\_[2A]-5A, CA\_[2A]-13A, CA\_[2A]-[66A], CA\_[4A]-[4A], CA\_[4A]-5A, CA\_[4A]-13A, CA\_5A-[66A], CA\_5B, CA\_13A[66A], CA\_[66A]-[66A], CA\_[66B], CA\_[66C], CA\_[2A]-48A, CA\_13A-48A, CA\_48A-[66A]
- 3CA DL carrier aggregation combinations:  
 CA\_[2A]-2A-5A, CA\_[2A]-2A-13A, CA\_[2A]-2A-66A, CA\_2A-2A-[66A], CA\_[2A]-4A-5A, CA\_2A-[4A]-5A, CA\_[2A]-4A-13A, CA\_2A-[4A]-13A, CA\_[2A]-5A-66A, CA\_2A-5A-[66A], CA\_[2A]-13A-66A, CA\_2A-13A-[66A], CA\_[2A]-66A-66A, CA\_2A-[66A]-66A, CA\_[2A]-[66B], CA\_[2A]-[66C], CA\_[4A]-4A-5A, CA\_[4A]-4A-13A, CA\_5A-[66A]-66A, CA\_5A-[66B], CA\_5A[66C], CA\_13A-[66A]-66A, CA\_13A-[66B], CA\_13A-[66C], CA\_[66A]-[66C], CA\_[66D], CA\_[2A]-48A-48A, CA\_[2A]-48A-66A, CA\_2A-48A-[66A], CA\_[2A]-48C, CA\_13A-48A-48A, CA\_13A-48A-[66A], CA\_13A-48C, CA\_48A-48A-[66A], CA\_48A-[66A]66A, CA\_48A-[66B], CA\_48C-[66A]
- 4CA DL carrier aggregation combinations:  
 CA\_2A-48A-48A-66A, CA\_[2A]-48D, CA\_13A-48A-48A-66A, CA\_13A-48A-48C, CA\_13A-48C-[66A], CA\_13A-48D, CA\_48A-48A-66A-66A, CA\_48A-48A-[66B], CA\_48A-48A-[66C], CA\_48A-48C-[66A], CA\_48D-[66A]
- 5CA DL carrier aggregation combinations:  
 CA\_2A-48E, CA\_13A-48A-48C-66A, CA\_13A-48C-48C, CA\_13A-48D-66A, CA\_13A-48E, CA\_48A-48C-66B, CA\_48A-48C-66C, CA\_48C-48C-66A, CA\_48E-66A
- 2CA UL carrier aggregation combinations:  
 CA\_2A-13A, CA\_4A-13A
- Fallback: WCDMA/DC-HSPA+ (42/5.76 Mbps): Bands 1, 2, 4, 5, 8

- Power: LTE 23 dBm ± 1, DC-HSPA+ 23 dBm ± 1
  - Antennas: SMA & RP-SMA male plugs, maximum torque not to exceed 4 in-lbs
  - GPS: Active GPS support
  - SMS: SMS support
  - Industry Standards & Certs: FCC, PTCRB, AT&T, FirstNet Ready™, Verizon
  - Requires modem doors that accommodate five antenna ports:
    - MA-MC400-1200M modem includes IBR1700 & COR Extensibility Dock doors, no antennas
    - BA-MC400-1200M modem includes AER2200 & AER1600 doors & 4 black antennas
    - BB-MC400-1200M modem includes CBA850 door & 4 white antennas
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## Supported Products: MC400-600M & LPx

- AER3100 Series
- AER2200
- AER2100 Series
- AER1600 Series
- COR IBR1700
- COR IBR1100 Series with Dual-Modem Dock
- COR IBR900 Series with COR Extensibility Dock
- COR IBR600B/C Series with COR Extensibility Dock
- ARC CBA850

### MC400-600M-C-AT for use on FirstNet™ LTE-Advanced/HSPA+ for US AT&T

- Technology: Category 12 LTE-Advanced Pro, DC-HSPA+
  - The MC400-600M-C-AT is FirstNet Ready™
  - Downlink Rates: LTE 600 Mbps, DC-HSPA+ 42.2 Mbps\*
  - Uplink Rates: LTE 150 Mbps, DC-HSPA+ 5.76 Mbps\*
  - Frequency Bands: 2, 4, 5, 12, 14, 29, 30, 46, 66
  - Carrier Aggregation:
    - CA\_2A-2A-12A, CA\_2A-29A-30A, CA\_5B CA\_2A-46A, CA\_5A-30A-66A, CA\_29A-30A-66A, CA\_2A-4A-5A, CA\_2A-66A-66A, CA\_5A-46A, CA\_2A-66C, CA\_4A-4A-5A, CA\_5A-66A-66A
    - CA\_2A-4A-12A, CA\_2C, CA\_4A-4A-12A, CA\_5A-66C, CA\_66A-66B, CA\_2A-4A-29A, CA\_4A-4A-30A, CA\_66A-66C, CA\_2A-5A-30A, CA\_4A-5A-30A, CA\_12A-30A-66A,
    - CA\_2A-5A-66A, CA\_4A-12A-30A, CA\_2A-12A-30A, CA\_4A-29A-30A, CA\_2A-2A-5A, CA\_4A-46A
  - Fallback: WCDMA/DC-HSPA+ (42/5.76 Mbps): Bands 2, 5
  - Power: LTE 23 dBm ± 1, HSPA+ 23 dBm ± 1
  - Antennas: SMA & RP-SMA male plugs, maximum torque not to exceed 4 in-lbs
  - GPS: Active GPS support
  - SMS: SMS support
  - Industry Standards & Certs: FCC, PTCRB, AT&T, FirstNet™
  - Modem Part # MC400-600M-C-AT
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**MC400LP6—LTE-Advanced/HSPA+ for North America & Europe**

- Technology: Category 6 LTE-Advanced, DC-HSPA+
  - Downlink Rates: LTE 300 Mbps, DC-HSPA+ 42.2 Mbps\*
  - Uplink Rates: LTE 50 Mbps, HSPA+ 5.76 Mbps\*
  - Frequency Bands:
    - Bands 1-5, 7, 8, 12, 13, 17, 20, 25, 26, 29, 30, 41
    - Verizon: 2, 4, 5, 13 (XLTE support w/carrier aggregation)
    - AT&T: 2, 4, 5, 12/17, 29, 30
    - Sprint: 25, 26, 41 (LTE Plus Support)
    - T-Mobile: 2, 4, 12 (T-Mobile Wideband LTE Support)
  - Carrier Aggregation:
    - 1+ 8, 2+ 2/5/12 (17 w/MFBI)/13/29, 3+ 7/20, 4+ 4/5/12 (17 w/MFBI)/13/29, 5+ 2/4/30, 7+ 3/7/20, 8+ 1, 12 (17 w/MFBI) + 2/4/30, 13+ 2/4, 20+ 3/7, 30+ 5/12 (17 w/MFBI), 41+ 41
  - Fallback: WCDMA/DC-HSPA+ (42/5.76 Mbps): Bands 1, 2, 3, 4, 5, 8
  - Power: LTE 23 dBm ± 1, HSPA+ 23 dBm ± 1
  - Antennas: SMA & RP-SMA male plugs, maximum torque not to exceed 4 in-lbs
  - GPS: Active GPS support
  - SMS: SMS support
  - Industry Standards & Certs: CE, FCC, GCF-CC, IC, PTCRB, AT&T, Sprint, Verizon
  - Modem Part # MC400LP6
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**MC400LP5—LTE Advanced/HSPA+ for Asia Pacific and Middle East**

- Technology: FDD/TDD (Category 6) LTE Advanced, DC-HSPA+
  - Downlink Rates: LTE 300 Mbps, DC-HSPA+ 42.2 Mbps\*
  - Uplink Rates: LTE 50 Mbps, DC-HSPA+ 5.76 Mbps\*
  - Frequency Bands:
    - LTE Bands: 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, 41
    - TD-SCDMA 39
  - Carrier Aggregation:
    - 1 + 8/18/19/21, 3 + 5/7/19/28, 5 + 3/7, 7 + 3/5/7/28, 8 + 1, 18 + 1, 19 + 1/3/21, 21 + 1/19, 28 + 3/7, 38 + 38, 39 + 39, 40 + 40, 41 + 41
  - Fallback: WCDMA/DC-HSPA+ (42/5.76 Mbps): Bands 1, 5, 6, 8, 9, 19
  - Power: LTE: 23 dBm ± 1; DC-HSPA+: 23 dBm ± 1
  - Antennas: SMA & RP-SMA male plugs, maximum torque not to exceed 4 in-lbs
  - GPS: Active GPS support
  - SMS: SMS support
  - Industry Standards & Certs: CE, GCF-CC, RC Australia, others pending
  - Modem Part # MC400LP5
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### MC400LP4—4G LTE/HSPA+ for North America

- Technology: Category 4 LTE, DC-HSPA+
  - Downlink Rates: LTE 150 Mbps, DC-HSPA+ 42.2 Mbps\*
  - Uplink Rates: LTE 50 Mbps, DC-HSPA+ 5.76 Mbps\*
  - Frequency Bands:
    - LTE: Band 2 (1900 MHz), Band 4 – AWS (1700/2100 MHz), Band 5 (850 MHz), Band 13 (700 MHz), Band 17 (700 MHz)
    - DC-HSPA+/UMTS Rel. 9, Cat 24: Bands 5 and 2 (850/1900 MHz)
  - Power: LTE 23 dBm +/- 1, DC-HSPA+ 23 dBm +/- 1
  - Antennas: SMA & RP-SMA male plugs, maximum torque not to exceed 4 in-lbs
  - Industry Standards & Certs: FCC, WiFi Alliance (AER1600 only), Verizon, AT&T, PTCRB, carrier Private Networks, IC
  - SIM: Two 2FF slots (secured)
  - Modem Part # MC400LP4
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### MC400LP3-EU—4G LTE/HSPA+ for Europe

- Technology: LTE, HSPA+
  - Downlink Rates: LTE 100 Mbps, HSPA+ 21.1 Mbps\*
  - Uplink Rates: LTE 50 Mbps, HSPA+ 5.76 Mbps\*
  - Frequency Bands:
    - LTE Band 1 (2100 MHz), Band 3 (1800 MHz), Band 7 (2600 MHz), Band 8 (900 MHz), Band 20 (800 MHz)
    - HSPA+/UMTS (800/850/900/1900/2100 MHz)
    - GSM/GPRS/EDGE Quad-Band (850/900/1800/1900 MHz)
  - Power: LTE Band 1/3/8/20: 23 dBm ±1; LTE Band 7: 22 dBm ±1; HSPA+: 23 dBm ±1 (typical conducted)
  - Antennas: SMA & RP-SMA male plugs, 1 dBi (LTE), 2 dBi (Cellular/PCS) gain, maximum torque not to exceed 4 in-lbs
  - GPS: Active GPS support
  - Industry Standards & Certs: CE, GCF-CC
  - Modem Part # MC400LP3
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### MC400LPE-AT – 4G LTE/HSPA+/EVDO for AT&T

- Technology: LTE, HSPA+, EVDO Rev A
- Downlink Rates: LTE 100 Mbps, HSPA+ 21.1 Mbps, EVDO 3.1 Mbps\*
- Uplink Rates: LTE 50 Mbps, HSPA+ 5.76 Mbps, EVDO 1.8 Mbps\*
- Frequency Bands:
  - LTE Band 2 (1900 MHz), Band 4 – AWS (1700/2100 MHz), Band 5 (850 MHz), Band 13 (700 MHz), Band 17 (700 MHz), Band 25 (1900 MHz)
  - HSPA+/UMTS (850/900/1900/2100 MHz, AWS)
  - GSM/GPRS/EDGE (850/900/1800/1900 MHz)
  - CDMA EVDO Rev A/1xRTT (800/1900 MHz)

- Power: LTE: 23 dBm ±1; HSPA+: 23 dBm ±1; EVDO: 24 dBm +0.5/-1 (typical conducted)
  - Antennas: SMA & RP-SMA male plugs, 1 dBi (LTE), 2 dBi (Cellular/PCS) gain, maximum torque not to exceed 4 in-lbs
  - GPS: Active GPS support
  - Industry Standards & Certs: PTCRB, FCC, IC, AT&T
  - Modem Part # MC400LPE
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**MC400LPE-GN – 4G LTE/HSPA+/EVDO (generic – for use on T-Mobile and US Cellular in the U.S. and Rogers, Bell, & TELUS in Canada)**

- Technology: LTE, HSPA+, EVDO Rev A
  - Downlink Rates: LTE 100 Mbps, HSPA+ 21.1 Mbps, EVDO 3.1 Mbps\*
  - Uplink Rates: LTE 50 Mbps, HSPA+ 5.76 Mbps, EVDO 1.8 Mbps\*
  - Frequency Bands:
    - LTE Band 2 (1900 MHz), Band 4 (AWS), Band 5 (850 MHz), Band 13 (700 MHz), Band 17 (700 MHz), Band 25 (1900 MHz)
    - HSPA+/UMTS (850/900/1900/2100 MHz, AWS)
    - GSM/GPRS/EDGE (850/900/1800/1900 MHz)
    - CDMA EVDO Rev A/1xRTT (800/1900 MHz)
  - Power: LTE: 23 dBm ±1; HSPA+: 23 dBm ±1; EVDO: 24 dBm +0.5/-1 (typical conducted)
  - Antennas: SMA & RP-SMA male plugs, 1 dBi (LTE), 2 dBi (Cellular/PCS) gain, maximum torque not to exceed 4 in-lbs
  - GPS: Active GPS support
  - Industry Standards & Certs: PTCRB, FCC, IC
  - Modem Part # MC400LPE
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**MC400LPE-SP – 4G LTE/HSPA+/EVDO for Sprint**

- Technology: LTE, HSPA+, EVDO Rev A
  - Downlink Rates: LTE 100 Mbps, HSPA+ 21.1 Mbps, EVDO 3.1 Mbps\*
  - Uplink Rates: LTE 50 Mbps, HSPA+ 5.76 Mbps, EVDO 1.8 Mbps\*
  - Frequency Bands:
    - LTE Band 2 (1900 MHz), Band 4 – AWS (1700/2100 MHz), Band 5 (850 MHz), Band 13 (700 MHz), Band 17 (700 MHz), Band 25 (1900 MHz)
    - HSPA+/UMTS (850/900/1900/2100 MHz, AWS)
    - GSM/GPRS/EDGE (850/900/1800/1900 MHz)
    - CDMA EVDO Rev A/1xRTT (800/1900 MHz)
  - Power: LTE: 23 dBm ±1; HSPA+: 23 dBm ±1; EVDO: 24 dBm +0.5/-1 (typical conducted)
  - Antennas: SMA & RP-SMA male plugs, 1 dBi (LTE), 2 dBi (Cellular/PCS) gain, maximum torque not to exceed 4 in-lbs
  - GPS: Active GPS support
  - Industry Standards & Certs: FCC, Sprint
  - Modem Part # MC400LPE
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**MC400LPE-VZ – 4G LTE/HSPA+/EVDO for Verizon**

- Technology: LTE, HSPA+, EVDO Rev A
- Downlink Rates: LTE 100 Mbps, HSPA+ 21.1 Mbps, EVDO 3.1 Mbps\*
- Uplink Rates: LTE 50 Mbps, HSPA+ 5.76 Mbps, EVDO 1.8 Mbps\*
- Frequency Bands:
  - LTE Band 2 (1900 MHz), Band 4 – AWS (1700/2100 MHz), Band 5 (850 MHz), Band 13 (700 MHz), Band 17 (700 MHz), Band 25 (1900 MHz)
  - HSPA+/UMTS (850/900/1900/2100 MHz, AWS)
  - GSM/GPRS/EDGE (850/900/1800/1900 MHz)
  - CDMA EVDO Rev A/1xRTT (800/1900 MHz)
- Power: LTE: 23 dBm ±1; HSPA+: 23 dBm ±1; EVDO: 24 dBm +0.5/-1 (typical conducted)
- Antennas: SMA & RP-SMA male plugs, 1 dBi (LTE), 2 dBi (Cellular/PCS) gain, maximum torque not to exceed 4 in-lbs
- GPS: Active GPS support
- Industry Standards & Certs: FCC, Verizon
- Modem Part # MC400LPE

\* Theoretical

\*\* To be enabled with a future modem software update.

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