

# MCC SERIES™ MODULAR POI CATALOG



**Microlab**

[microlabtech.com](http://microlabtech.com)

### MCC Series™

Microlab's MCC Series™ is a Passive Modular Carrier Combiner for Neutral Host DAS/D-RAN Architectures. MCC is suitable for combining multi-band multi-operator radio signals for in-building and Outdoor DAS Applications. The modular configuration allows flexibility with individual scenarios and provides capabilities to easily add/upgrade over time. Featuring low-loss & low-PIM performance up to 6GHz, the MCC ensures maximum throughput and coverage for 5G/4G networks

- Modular Design
- Ultra-Wideband Operation (6GHz)
- C-Band / CBRS / Auction 110 (3.45GHz) Ready
- Low Loss and Low PIM performance for maximum network coverage and throughput
- Modular filter cards for popular Carrier configurations
- Up to 40W per input
- IP67 rating for outdoor and indoor applications
- Rack and Wall-mount options available



**The trusted solution for mobile network operators  
and neutral host network providers.**



### Modular Filters



#### MCC200-502

- Integrates
  - 600-850: 617-894
  - PCS: 1850-2000
  - AWS: 1695-1780 & 2110-2200
  - WCS-BRS: 2300-2700
  - 5GNR n77: 3300-4200
- 40dB Input Isolation
- 40 W/input



#### MCC200-503

- Integrates
  - 600-700: 617-798
  - 850: 817-894
  - PCS: 1850-2000
  - AWS: 1695-1780 & 2110-2200
  - 5GNR n77: 3300-4200
- 40dB Input Isolation
- 40 W/input

Guaranteed Low PIM  
Minimal RF Insertion  
Loss  
4.3-10 Connectors  
IP67 Rating

### Modular Combiners



#### CM-141E-xR

- Ultra-Wideband 617-5925MHz
- 2RU Rack mount
- High Isolation and Low VSWR
- 100 W/input
- Dual or Quad Channel Configuration



#### MCC200-SRC-01

- Compact Wallmount Sub-rack with one (1) Integrated Ultra-Wideband 4x4 617-5925MHz
- Combines up to 4 MCC filter cards
- 10" depth from the wall

#### MCC200-SRC-02

- Compact Wallmount Sub-rack with two (2) Integrated Ultra-Wideband 4x4 617-5925MHz
- Combines up to 4 MCC filter cards
- 10" depth from the wall

### Subrack



#### MCC200

- Compatible with MCC200-x01 modular filters
- Slots for up to 8 MCC Filter Cards in 6RU
- Front Access to Filter inputs for ease of installation



#### MCC200-SRC-00

- Compact Wallmount Sub-rack
- Slots for up to 4 MCC200-x01 modular filters
- Front Access to Filter inputs for ease of installation

### Peripherals



MCC200-100



MCC200-A03

Modular Filters	Description
MCC200-502	Pentaplexer 600-850/PCS/AWS/WCS-BRS/5G NR n77, -160dBc 4.3-10 IP67
MCC200-503	Pentaplexer 600-700/850/PCS/AWS/5G NR n77, -160dBc 4.3-10 IP67
MCC200-100	Ultra-Wideband "Thru" Card 617-5925MHz, 4.3-10 IP67

Hybrid Matrix Options	Description
MCC200-SRC-01	Single Ultra-Wideband 4x4 Hybrid Combiner, 617-5925MHz, 4.3-10, IP67 with integrated wallmount 4-slot subrack
MCC200-SRC-02	Dual Ultra-Wideband 4x4 Hybrid Combiner, 617-5925MHz, 4.3-10, IP67 with integrated wallmount 4-slot subrack
CM-141E-2R	Ultra-Wideband Dual-Channel 4x4 Hybrid Combiner, 617-5925MHz, 4.3-10, IP67, 2RU
CM-141E-4R	Ultra-Wideband Quad-Channel 4x4 Hybrid Combiner, 617-5925MHz, 4.3-10, IP67, 2RU

Rack and Peripherals	Description
MCC200-SRC-00	Standalone wallmount 4-slot subrack
MCC200	Modular Filter Card Sub-Rack 8-slots 6RU
MCC200-A03	Modular Faceplate for MCC200 Filter Card Slot

Learn more at: [microlabtech.com](http://microlabtech.com)

For more information about Microlab contact your local representative. Find a complete list here: [microlabtech.com/sales](http://microlabtech.com/sales)

