

# DAS SOLUTIONS GUIDE



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# Upgrade Your Network With Ultra-Wideband, 5G-Ready Solutions



## The Microlab Portfolio of UWB Products:

- Meets the increased bandwidth and capacity demands for 5G
- Covers the entire FR1 frequency range (617-5925 MHz)
- Provides a future-proof path for all applications
- Guarantees Low PIM Performance
- Ensures high quality and high MTBF
- Offers peace of mind with guaranteed specifications

Model	Description
Dx-83FE Series	2,3,4-way Splitters, 617-5925 MHz
DN-x4FE Series	Tapper, 350-5930 MHz
CC-600E Series	Directional Couplers, 617-5925 MHz
CA-141E Series	Hybrid Coupler, 617-5925 MHz
CM-680E Series	3X3 Hybrid Matrix, 617-5925 MHz
CM-141E Series	4x4 Hybrid Matrix, 617-5925 MHz
TK-600 Series	Low PIM Termination Loads, 350-5925 MHz

## Splitters – Ultra-Wideband (6GHz)

Model	Frequency (MHz)	Ways	Split Loss (dB)	Power (W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">D2-83FE</a>	617-5925	2	3	300	4.3-10	IP67	-161
<a href="#">D3-83FE</a>	617-5925	3	4.8	300	4.3-10	IP67	-161
<a href="#">D4-83FE</a>	617-5925	4	6	300	4.3-10	IP67	-161
<a href="#">D2-76FE</a>	617-5925	2	3	50	4.3-10	IP67	-153



## Splitters – Standard Bandwidth (2700MHz)

Model	Frequency (MHz)	Ways	Split Loss (dB)	Power (W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">D2-84KFE</a>	575-2700	2	3	300	4.3-10	IP68	-161
<a href="#">D3-84KFE</a>	575-2700	3	4.8	300	4.3-10	IP68	-161
<a href="#">D4-84KFE</a>	575-2700	4	6	300	4.3-10	IP68	-161
<a href="#">D2-95FE</a>	580-2700	2	3	500	4.3-10	IP67	-161
<a href="#">D3-95FE</a>	580-2700	3	4.8	500	4.3-10	IP67	-161
<a href="#">D2-74FE</a>	575-2700	2	3	50	4.3-10	IP65	-154
<a href="#">D3-74FE</a>	575-2700	3	4.8	50	4.3-10	IP65	-154
<a href="#">D4-74FE</a>	575-2700	4	6	50	4.3-10	IP65	-154



See individual data sheet for complete specifications.

**Directional Couplers – Ultra-Wideband (6GHz)**

Model	Frequency (MHz)	Coupling Value (dB)	Power Rating (W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">CC-605E</a>	617-5925	5	300	4.3-10	IP67	-161
<a href="#">CC-606E</a>	617-5925	6	300	4.3-10	IP67	-161
<a href="#">CC-607E</a>	617-5925	7	300	4.3-10	IP67	-161
<a href="#">CC-608E</a>	617-5925	8	300	4.3-10	IP67	-161
<a href="#">CC-610E</a>	617-5925	10	300	4.3-10	IP67	-161
<a href="#">CC-613E</a>	617-5925	13	300	4.3-10	IP67	-161
<a href="#">CC-615E</a>	617-5925	15	300	4.3-10	IP67	-161
<a href="#">CC-620E</a>	617-5925	20	300	4.3-10	IP67	-161

**Directional Couplers – Standard Bandwidth (2700MHz)**

Model	Frequency (MHz)	Coupling Value (dB)	Power Rating (W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">CC-05E</a>	575-2700	5	300	4.3-10	IP67	-161
<a href="#">CC-06E</a>	575-2700	6	300	4.3-10	IP67	-161
<a href="#">CC-07E</a>	575-2700	7	300	4.3-10	IP67	-161
<a href="#">CC-08E</a>	575-2700	8	300	4.3-10	IP67	-161
<a href="#">CC-10E</a>	575-2700	10	300	4.3-10	IP67	-161
<a href="#">CC-13E</a>	575-2700	13	300	4.3-10	IP67	-161
<a href="#">CC-15E</a>	575-2700	15	300	4.3-10	IP67	-161
<a href="#">CC-20E</a>	575-2700	20	300	4.3-10	IP67	-161
<a href="#">CC-30E</a>	575-2700	30	300	4.3-10	IP67	-161

**Tappers – Ultra-Wideband (6GHz)**

Model	Frequency (MHz)	Tapper Ratio	Coupling Value (dB)	Power Rating (W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">DN-34FE</a>	350-5930	2:1 (3 dB)	4.8	500	4.3-10	IP67	-161
<a href="#">DN-44FE</a>	350-5930	3:1 (4.8 dB)	6.1	500	4.3-10	IP67	-161
<a href="#">DN-54FE</a>	350-5930	4:1 (6 dB)	7	500	4.3-10	IP67	-161
<a href="#">DN-64FE</a>	350-5930	6:1 (8 dB)	8.5	500	4.3-10	IP67	-161
<a href="#">DN-74FE</a>	350-5930	10:1 (10 dB)	10.5	500	4.3-10	IP67	-161
<a href="#">DN-84FE</a>	350-5930	20:1 (13 dB)	13	500	4.3-10	IP67	-161
<a href="#">DN-94FE</a>	350-5930	30:1 (15 dB)	15.3	500	4.3-10	IP67	-161
<a href="#">DN-04FE</a>	350-5930	100:1 (20 dB)	20.1	500	4.3-10	IP67	-161
<a href="#">DN-14FE</a>	350-5930	1000:1 (30 dB)	30.1	500	4.3-10	IP67	-161



DN-34FE



CC-606E



CC-06E

See individual data sheet for complete specifications.

**Hybrid Combiners – Ultra-Wideband (6GHz) and Standard Bandwidth (2700MHz)**

Model	Frequency (MHz)	Coupling Value	Ports	Power/Input (W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">CA-141E</a>	617-5925	3	2x2	100	4.3-10	IP67	-161
<a href="#">CM-680E</a>	617-5925	4.8	3x3	150	4.3-10	IP67	-161
<a href="#">CM-141E</a>	617-5925	6	4x4	100	4.3-10	IP67	-160
<a href="#">CA-14E</a>	350-5925	3	2x2	200	4.3-10	IP67	-161
<a href="#">CM-14E</a>	350-5925	6	4x4	200	4.3-10	IP67	-160
<a href="#">CA-84KE</a>	617-2700	3	2x2	80	4.3-10	IP68	-161
<a href="#">CM-80KE</a>	617-2700	4.8	3x3	150	4.3-10	IP68	-161
<a href="#">CM-88KE</a>	617-2700	6	4x4	150	4.3-10	IP68	-161
<a href="#">CT-84KE</a>	617-2700	3	2x1	160	4.3-10	IP68	161

**Multi-Band Combiners – 600MHz - 6GHz**

Model*	Type	Frequency (MHz) / Bands	C-Band n77 ?	Input-Power/(W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">BK-263E†</a>	Diplexer	617-2690   3300-5925	Y	200/100	4.3-10	IP67	-161
<a href="#">BK-201E</a>	Diplexer	617-2690   1695-2700		250	4.3-10	IP67	-161
<a href="#">BK-745E†</a>	Diplexer	PCS   AWS - Twin		100	4.3-10	IP67	-161
<a href="#">BK-694E†</a>	Diplexer	617-2300   2496-2690		250/100	4.3-10	IP67	-161
<a href="#">BK-693E†</a>	Diplexer	617-2200   2300-2700		200	4.3-10	IP67	-161
<a href="#">BK-75E</a>	Diplexer	700   850		100	4.3-10	IP67	-153
<a href="#">BK-3008E†</a>	Triplexer	617-960   1695-2700   3300-4200	Y	250	4.3-10	IP67	-161
<a href="#">BK-3001E†</a>	Triplexer	PCS   AWS   2.5 BRS		100	4.3-10	IP67	-161
<a href="#">BK-421E†</a>	Triplexer	700+850   PCS+AWS   WCS+2.5 BRS		250	4.3-10	IP67	-161
<a href="#">BK-363E</a>	Triplexer	600+700   PCS   AWS		50	4.3-10	IP67	-161
<a href="#">BK-962E</a>	Quad	700   850   PCS   AWS		250	4.3-10	IP67	-161
<a href="#">BK-5001E</a>	Penta	700   850   PCS   AWS   WCS		100	4.3-10	IP67	-161

†For Twin/Quad model configurations please contact your Microlab Sales Representative.



CA-141E



BK-263E



BK-745E

See individual data sheet for complete specifications.



**Low PIM Attenuators – Standard Bandwidth (2700MHz)**

Model	Frequency (MHz)	Power Rating (W)	Value (dB)	Conn. Type	PIM (dBc)
<a href="#">FY-03E</a>	617-2700	40	3	4.3-10 (m-f)	-161
<a href="#">FY-06E</a>	617-2700	25	6	4.3-10 (m-f)	-161
<a href="#">FY-10E</a>	617-2700	20	10	4.3-10 (m-f)	-161
<a href="#">FY-15E</a>	617-2700	20	15	4.3-10 (m-f)	-161
<a href="#">FY-20E</a>	617-2700	20	20	4.3-10 (m-f)	-161
<a href="#">FZ-03FE</a>	617-2700	80	3	4.3-10 (f-f)	-161
<a href="#">FZ-06E</a>	617-2700	133	6	4.3-10 (m-f)	-161
<a href="#">FZ-10E</a>	617-2700	110	10	4.3-10 (m-f)	-161
<a href="#">FZ-15E</a>	617-2700	100	15	4.3-10 (m-f)	-161
<a href="#">FZ-20E</a>	617-2700	100	20	4.3-10 (m-f)	-161
<a href="#">FZ-30E</a>	617-2700	100	30	4.3-10 (m-f)	-161

**Resistive Attenuators – Ultra Wideband (6GHz)**

Model	Frequency (MHz)	Power Rating (W)	Value (dB)	Conn. Type	PIM
<a href="#">AT-01E</a>	DC-6000	2	1	4.3-10 (m-f)	--
<a href="#">AT-02E</a>	DC-6000	2	2	4.3-10 (m-f)	--
<a href="#">AT-03E</a>	DC-6000	2	3	4.3-10 (m-f)	--
<a href="#">AT-04E</a>	DC-6000	2	4	4.3-10 (m-f)	--
<a href="#">AT-05E</a>	DC-6000	2	5	4.3-10 (m-f)	--
<a href="#">AT-06E</a>	DC-6000	2	6	4.3-10 (m-f)	--
<a href="#">AT-07E</a>	DC-6000	2	7	4.3-10 (m-f)	--
<a href="#">AT-08E</a>	DC-6000	2	8	4.3-10 (m-f)	--
<a href="#">AT-09E</a>	DC-6000	2	9	4.3-10 (m-f)	--
<a href="#">AT-10E</a>	DC-6000	2	10	4.3-10 (m-f)	--
<a href="#">AT-15E</a>	DC-6000	2	15	4.3-10 (m-f)	--



FY-10E



FZ-06E



AT-03E

See individual data sheet for complete specifications.

**Low PIM Terminations – Ultra-Wideband (6GHz) and Standard Bandwidth (2700MHz)**

Model	Frequency (MHz)	Power Rating (W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">TK-605ME</a>	350-5925	5	4.3-10 (m)	IP67	-161
<a href="#">TK-605MG</a>	350-5925	5	2.2-5 (m)	IP67	-161
<a href="#">TK-605BMT</a>	350-5925	5	NEX10 (m)	IP67	-161
<a href="#">TK-610ME</a>	350-5925	10	4.3-10 (m)	IP67	-161
<a href="#">TK-610MG</a>	350-5925	10	2.2-5 (m)	IP67	161
<a href="#">TK-610BMT</a>	350-5925	10	NEX10 (m)	IP67	-161
<a href="#">TK-625ME</a>	350-5925	25	4.3-10 (m)	IP67	-161
<a href="#">TK-625MG</a>	350-5925	25	2.2-5 (m)	IP67	-161
<a href="#">TK-205ME</a>	350-2700	5	4.3-10 (m)	IP67	-161
<a href="#">TK-205MG</a>	350-2700	5	2.2-5 (m)	IP67	-161
<a href="#">TK-205BMT</a>	350-2700	5	NEX10 (m)	IP67	-161
<a href="#">TK-210ME</a>	350-2700	10	4.3-10 (m)	IP67	-161
<a href="#">TK-210MG</a>	350-2700	10	2.2-5 (m)	IP67	-161
<a href="#">TK-210BMT</a>	350-2700	10	NEX10 (m)	IP67	-161
<a href="#">TK-225ME</a>	350-2700	25	4.3-10 (m)	IP67	-161
<a href="#">TK-225MG</a>	350-2700	25	2.2-5 (m)	IP67	-161
<a href="#">TK-25FE</a>	400-2700	60	4.3-10 (f)	IP67	-161
<a href="#">TK-27ME</a>	400-2700	100	4.3-10 (m)	IP67	-161

**Resistive Terminations – Ultra-Wideband (6GHz)**

Model	Frequency (MHz)	Power Rating (W)	Conn. Type	Ingress	PIM
<a href="#">TA-2MG</a>	DC-6000	2	2.2-5 (m)	IP67	--
<a href="#">TA-2MHE</a>	DC-6000	2	4.3-10 (m)	IP65	--
<a href="#">TA-2MT</a>	DC-6000	2	NEX10 (m)	IP67	--
<a href="#">TB-640ME</a>	DC-6000	40	4.3-10 (m)	IP67	--



TK-610ME



TK-25FE



TK-205BMT



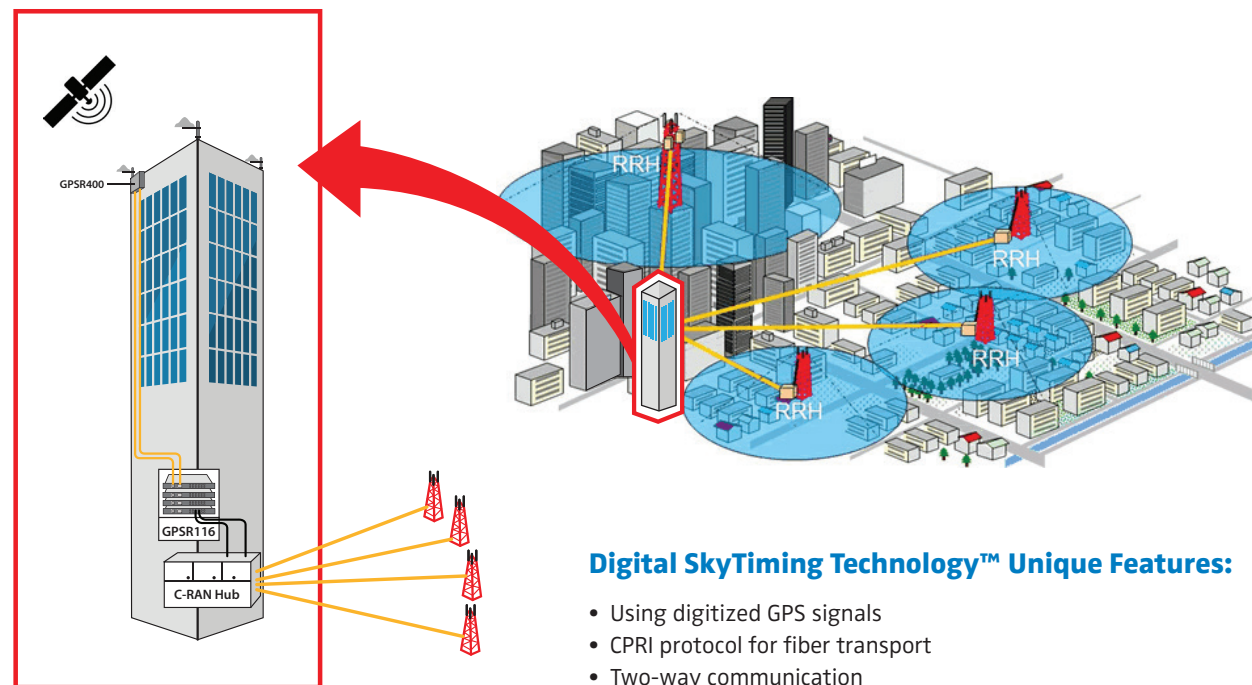
TK-625ME

See individual data sheet for complete specifications.

### Digital SkyTiming Technology™

Digital SkyTiming Technology™ is a patent-pending technique to transport GPS signals digitally over fiber for wireless network timing applications in C-RAN hubs and Distributed Antenna Systems (DAS). It is used in wireless systems where GPS signals are not readily available (where no skyview exists) close to the basestation or where remote monitoring and advanced alarms are required in the NOC by the carrier.

GPS signals are converted from RF to digital and transported over a fiber optic cable using CPRI protocols. The digital GPS signals are analyzed for number of satellites and their signal quality and monitored for robust network operation. The fiber link is also analyzed for round trip delay times and link quality to support advanced wireless features. The digital signals are then converted back to RF and distributed to the wireless network.



### Impact of Digital GPS Signal Repeaters

- Solves network timing distance limitation in C-RAN and DAS systems
- Remote control and monitoring allows system management and reduces network troubleshooting
- Provides accurate timing required for advanced wireless services

### Digital SkyTiming™ Benefits

- Allows GPS signals to be transmitted up to 10km from antenna to BTS/BBU
- New web-based interface provides remote system control and monitoring over Ethernet
- Monitors antenna status with automatic switch-over
- Redundant fiber optic links monitored with auto switch-over
- Provides communication delay within a 100 nanosecond alignment for LTE and LTE-A
- Eliminates signal degradation
- Advanced intelligent SNMP alarms



#### GPSR400 - Outdoor Remote Unit

- Up to 4 GPS antenna inputs
- Wall-mounted NEMA-4 enclosure
- Redundant fiber optic links
- Loss of signal alarms, LED system health monitors
- Connects to GPSR116 Indoor Head-End Unit



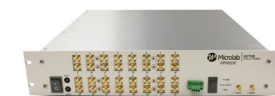
#### GPSR116 - Indoor Head-End Unit

- Up to 16 GPS RF outputs
- Redundant fiber optic links
- LED system health monitors
- Connects to GPSR400 Outdoor Remote Unit



#### GPSS216 - GPS RF Signal Splitter

- Up to 16 GPS RF outputs
- 2 GPS antenna inputs
- GPS signal quality monitoring
- Compatible with GPSR116 Indoor Head-End Unit



#### GPSS232 - GPS RF Signal Splitter

- Up to 32 GPS RF outputs
- 2 GPS antenna inputs
- GPS signal quality monitoring
- Compatible with GPSR116 Indoor Head-End Unit

### GPS Solutions

Model	Description
<a href="#">GPSR116</a>	GPS Repeater Head End, 16 RF Outputs, SMA Connectors
<a href="#">GPSR400</a>	GPS Repeater Remote Unit, up to 4 GPS Antenna Inputs, 4.3-10 connector
<a href="#">GPSS216</a>	Lossless GPS signal splitter, 2 RF inputs, 16 RF outputs
<a href="#">GPSS232</a>	Lossless GPS signal splitter, 2 RF inputs, 32 RF outputs
<a href="#">GPSA001</a>	GPSR AC/DC Adapter 100-240VAC/24VDC Indoor
<a href="#">GPSA003</a>	GPSR AC/DC Adapter 100-240VAC/24VDC Outdoor
<a href="#">GPSA007</a>	Optical Fiber Splice Box
<a href="#">GPS-30-N-S</a>	GPS Active Antenna L1 Band 30dB Gain N-type
<a href="#">GPSJ-10-EMSM</a>	1.0m, DC-6 GHz, .141, 4.3-10(m) to SMA(m)
<a href="#">GPSJ-20-NFSM</a>	2.0m, DC-6 GHz, .141, N(f) to SMA(m)
<a href="#">GPSJ-30-SMSM</a>	3.0m, DC-6 GHz, .141, SMA(m) to SMA(m)

**Jumper Cables, Low PIM, Ultra-Wideband (6GHz)**

Model	Frequency (MHz)	Cable Dia. (in.)	Power Rating (W)	Conn. #1	Conn. #2	Length (m)	PIM (dBc)
<a href="#">JA-10MX</a>	DC-6000	0.141	100	4.3-10(m)	4.3-10(m)	1	-158
<a href="#">JA-10TX</a>	DC-6000	0.141	100	4.3-10(m)	4.3-10(f)	1	-158
<a href="#">JA-10-MG-ME</a>	DC-6000	0.141	100	2.2-5(m)	4.3-10(m)	1	-160
<a href="#">JA-10-MT-ME</a>	DC-6000	0.141	200	NEX10(m)	4.3-10(m)	1	-160
<a href="#">JA-10MY</a>	DC-6000	0.141	100	4.3-10(m)	7-16(m)	1	-158
<a href="#">JA-10MZ</a>	DC-6000	0.141	100	4.3-10(m)	N(m)	1	-158
<a href="#">JA-20MX</a>	DC-6000	0.141	100	4.3-10(m)	4.3-10(m)	2	-158
<a href="#">JA-20TX</a>	DC-6000	0.141	100	4.3-10(m)	4.3-10(f)	2	-158
<a href="#">JA-20-MG-ME</a>	DC-6000	0.141	100	2.2-5(m)	4.3-10(m)	2	-160
<a href="#">JA-20-MT-ME</a>	DC-6000	0.141	200	NEX10(m)	4.3-10(m)	2	-160
<a href="#">JA-20MZ</a>	DC-6000	0.141	100	4.3-10(m)	N(m)	2	-158
<a href="#">P2RFC-4870-39</a>	DC-6000	0.138	100	2.2-5(m)	N(m)	1	-155
<a href="#">P2RFC-2402-39</a>	DC-6000	0.138	100	4.3-10(m)	QMA(m)	1	-155
<a href="#">P2RFC-2962-39</a>	DC-6000	0.138	100	NEX10(m)	NEX10(m)	1	-160
<a href="#">P2RFC-4870-79</a>	DC-6000	0.138	100	2.2-5(m)	N(m)	2	-155
<a href="#">P2RFC-2402-79</a>	DC-6000	0.138	100	4.3-10(m)	QMA(m)	2	-155
<a href="#">P2RFC-2962-79</a>	DC-6000	0.138	100	NEX10(m)	NEX10(m)	2	-160
<a href="#">P2RFC-4676-39</a>	DC-6000	1/4	600	4.3-10(m)	4.3-10 (m)	1	-160
<a href="#">P2RFC-2453-39</a>	DC-6000	1/4	600	4.3-10(m)	4.3-10 (f)	1	-160
<a href="#">P2RFC-2898-39</a>	DC-6000	1/4	600	4.3-10(m)	NEX10 (m)	1	-160
<a href="#">P2RFC-4798-39</a>	DC-6000	1/4	600	4.3-10(m)	2.2-5 (m)	1	-160
<a href="#">P2RFC-4676-79</a>	DC-6000	1/4	600	4.3-10(m)	4.3-10 (m)	2	-160
<a href="#">P2RFC-2453-79</a>	DC-6000	1/4	600	4.3-10(m)	4.3-10 (f)	2	-160
<a href="#">P2RFC-2898-79</a>	DC-6000	1/4	600	4.3-10(m)	NEX10 (m)	2	-160
<a href="#">P2RFC-4798-79</a>	DC-6000	1/4	600	4.3-10(m)	2.2-5 (m)	2	-160

\* Additional connector, cable type, and lengths available. Ask your Microlab Sales Representative about our quick-turn Custom Jumper Program.

**Radio/DAS Point of Interface**

Model	Description	Frequency (MHz)	Power Rating (W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">DCC602-C39</a>	4-ch 2:1 Combiner, 2RU	617-2700	5	4.3-10 (f)	IP67	-155
<a href="#">DCC602-C40</a>	4-ch 2:1 Combiner, 2RU	617-2700	25	4.3-10 (f)	IP67	-155

**Custom Passive Trays**

Model	Description	Frequency (MHz)	Power Rating (W)	Conn. Type	Ingress	PIM (dBc)
<a href="#">SPT4RU2</a>	(8) 1x2 Splitter Panel	617-2700	50	4.3-10 (f)	IP65	-154
<a href="#">PP-220FE</a>	2RU Demarcation Panel	DC-6000	100	(20x) 4.3-10 (f-f)	--	-165

\* Microlab offers additional custom and integrated solutions. Ask your Microlab Sales Representative about custom solutions.



DCC602-C40



JA-10MX



PP-220FE

See individual data sheet for complete specifications.

**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

**Features**

- 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



MCC200-SRC-01



MCC200 with CM-141E-2R

## MCC Ordering Guide

Modular Filter Cards	Description
<a href="#">MCC200-503</a>	Modular Pentaplexer 600-700/850/PCS/AWS/5G NR n77 40W 160dBc 4.3-10 IP67
<a href="#">MCC200-502</a>	Modular Pentaplexer 600-850/PCS/AWS/WCS-BRS/5G NR n77 40W 160dBc 4.3-10 IP67
<a href="#">MCC200-403</a>	Quadraplexer 600-700/PCS/AWS/2.5 BRS, -160dBc 4.3-10 IP67
<a href="#">MCC200-100</a>	Ultra-Wideband "Thru" Card 617-5925MHz, 4.3-10 IP67

Hybrid Matrix Options	Description
<a href="#">CM-141E-2R</a>	Ultra-Wideband Dual-Channel 4x4 Hybrid Combiner, 617-5925MHz, 4.3-10, IP67, 2RU
<a href="#">CM-141E-4R</a>	Ultra-Wideband Quad Hybrid Combiner 4X4 617-5925MHz 100W -161dBc 4.3-10 2RU
<a href="#">MCC200-SRC-01</a>	Ultra-Wideband 4x4 Hybrid Combiner, 617-5925MHz, 4.3-10, IP67 with integrated wallmount 4-slot subrack
<a href="#">MCC200-SRC-02</a>	Ultra-Wideband Twin 4x4 Hybrid Combiner, 617-5925MHz, 4.3-10, IP67 with integrated wall mount 4-slot subrack (2x2 MIMO application)

Rack and Peripherals	Description
<a href="#">MCC200-SRC-00</a>	Modular Filter Card Subrack, 4-slot wall mount
<a href="#">MCC200-SRC-01</a>	Ultra-Wideband 4x4 Hybrid Combiner, 617-5925MHz, 4.3-10, IP67 with integrated wall-mount 4-slot subrack
<a href="#">MCC200-SRC-02</a>	Ultra-Wideband Twin 4x4 Hybrid Combiner, 617-5925MHz, 4.3-10, IP67 with integrated wall mount 4-slot subrack (2x2 MIMO application)
<a href="#">MCC200</a>	Modular Filter Card Sub-Rack 8-slots 6RU
<a href="#">MCC200-A03</a>	"Blanking" Faceplate for MCC200 Filter Card Slot .



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### Microlab

25 Eastmans Road  
 Parsippany, NJ 07054, USA  
 P: +1 (862) 328-1101  
[sales@microlabtech.com](mailto:sales@microlabtech.com)