

The MCC200-502 filter module is available for C-Band & 3.45GHz applications combining 600-850/PCS/AWS/WCS-BRS/5G NR n77 Bands. The filter module is low-loss and IP67 rated for outdoor applications.

Port 1 covers 600-850MHz and supports single and dual-band radios. Port 4 is for either WCS or BRS injection. Port 5 offers support for full 5G NR n77, which covers current Licensed C-Band, 3.45GHz, & CBRS as well as support for future n77 applications.

The MCC200 is available in either a 6RU rack-mount enclosure or compact wall-mount sub-rack. The rack-mount option accommodates up to (8) filter combiner modules. The wall-mount sub-rack offers 4-slots plus an integrated Ultra-Wideband 4x4 combiner.

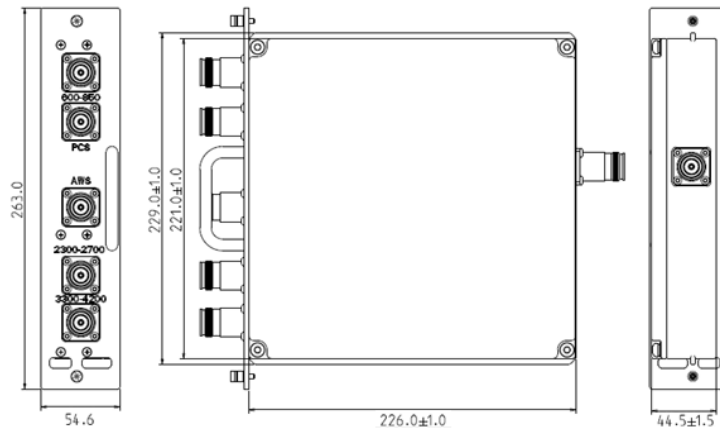


Specification	MCC200-502
Card Type	Pentaplexer
Frequency (MHz)	600-850: 617-894 PCS: 1850-2000 AWS: 1695-1780 & 2110-2200 WCS-BRS: 2300-2700 5G NR n77: 3300-4200
Insertion Loss	<0.3dB (typ), <0.4 dB (max)
Isolation	>45dB (typ), >40 dB (min)
Return Loss	>20 dB (600-850, AWS, WCS-BRS), >19.1dB (PCS) >17.7dB (3300-4200)
Impedance	50Ω
PIM	<-160 dbc (-117 dBm) (Test with 2x +43dBm tones @ Ambient)
Group Delay (ns)	600-850: 2, AWS-PCS: 21, WCS-BRS: 13, n77: 7
Power/Input	40 W avg
Weight, lb (kg)	9 (4.1)
Connector	4.3-10 (f), long-neck
Environment	-25°C to +65°C
Ingress Protection	IP67
Dimensions	10.35 x 8.89 x 2.15 in [263 x 226.5 x 54.6 mm]

Note: Specifications are subject to change without prior notification.

40CT2022

MCC200-502 Outline



Dimensions in inches [mm]



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

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