

Cross Band Coupler Quad Band

Model Number

- CSI-CBC/QUAD/N
- CSI-CM250-7/C/AW/P (Rack Mount Version)

Frequency Range

- Port One: 695-795 MHz
- Port Two: 820-900 MHz; 1850-1990 MHz
- Port Three: 1710-1755 MHz; 2110-2155 MHz



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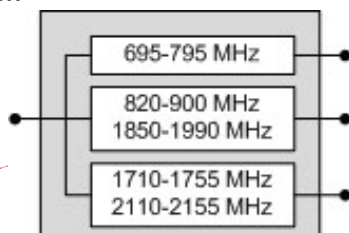
Electrical Specifications

Rejection	
Port One: LTE 700	30 dB @ 820-2000 MHz
Port Two: Cell/PCS	30 dB @ 695-795 MHz
Port Three: AWS	70 dB @ 700-900 MHz; 1850-1990 MHz
Isolation	30 dB
VSWR	<1.5:1
Insertion Loss	
LTE 700, Cellular	≤0.3 dB
PCS, AWS	≤0.5 dB
Passband Ripple	
LTE 700, Cellular	≤0.3 dB
PCS, AWS	≤0.5 dB
Input/Output Impedance	50 Ohms
Input & Output DC Ground Potential	

Mechanical Specifications

Case Material	Aluminum
Connectors	N-Female
Finish	Powder coat, black
Weight	3.3 lbs
Dimensions	7.4 x 4.4 x 2.28 in
Operating Temperature	-20° to +50° C

Block Diagram



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