



Specification Datasheet (@25°C)		
Model/PN	COM-0809-002-ETL	
Parameter	Specification	
	CDMA800	GSM900
Frequency Range (MHz)	824-880	909-960
Insertion Loss (dB)	≤0.7	≤0.7
Passband Ripple (dB)	≤0.3	≤0.3
Return Loss(Input/Output,dB)	≥18	≥18
Attenuation(dB)	80@909MHz	80@880MHz
Power Handling(W)		
Peak	500	
CW	100	
Operating Temperature(°C)	-30 to +70	
Connector	N(f)	
Impedance(Ω)	50	
Dimension(mm)	258*121*50	

Eleading Technologies Ltd.

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Specification Datasheet (@25°C)		
Model/PN	COM-1821-001-ETL	
Parameter	Specification	
	GSM1800	WCDMA
Frequency Range (MHz)	1710-1880	1920-2170
Insertion Loss (dB)	≤0.8	≤0.8
Passband Ripple (dB)	≤0.3	≤0.3
Return Loss(Input/Output,dB)	≥18	≥18
Attenuation(dB)	70@1920MHz	70@2400MHz
Power Handling(W)		
Peak	500	
CW	100	
Operating Temperature(°C)	-20 to +70	
Connector	SMA(f)	
Impedance(Ω)	-40~85	
Dimension(mm)	208*70*64	

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Specification Datasheet (@25°C)		
Model/PN	COM-0809-1824-001-ETL	
Parameter	Specifications	
	CDMA/GSM	WLAN
Frequency Range (MHz)	824-1880	2400-2500
Insertion Loss (dB)	≤0.5	≤0.5
Passband Ripple (dB)	≤0.2	≤0.2
Return Loss(Input/Output,dB)	≥15	≥15
Attenuation(dB)	45@2400MHz	70@1880MHz
Power Handling(W)		
Peak	300	
CW	80	
Operating Temperature(°C)	-30 to +70	
Connector	SMA(f)	
Impedance(Ω)	50	
Dimension(mm)	180*68*32(excl.screws&connectors)	

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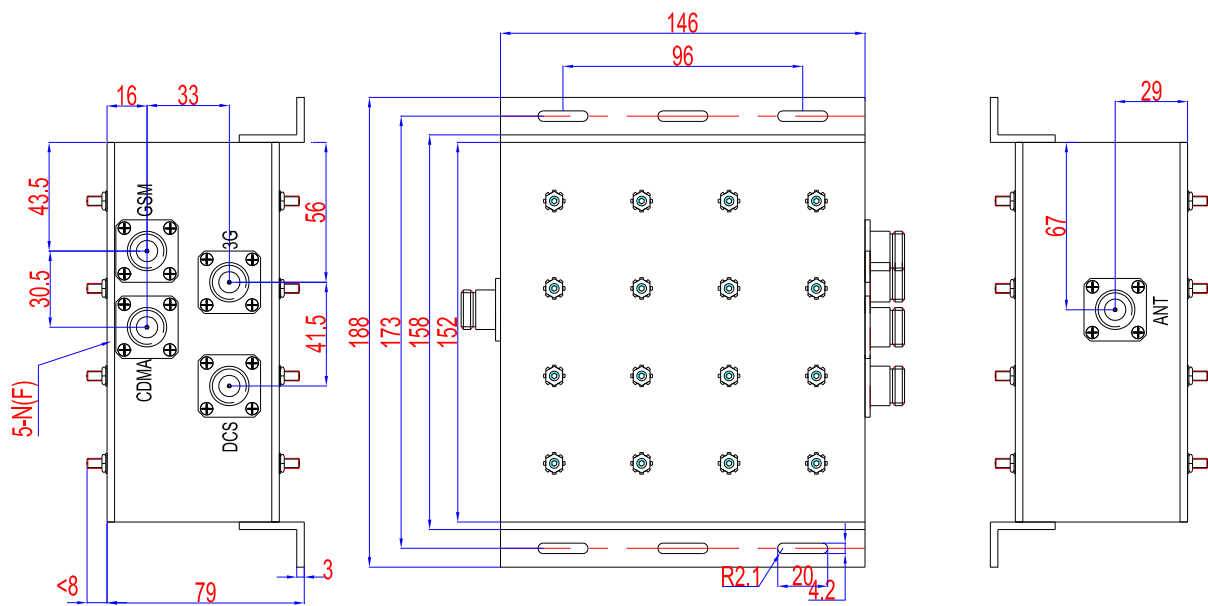
Specification Datasheet (@25°C)		
Model/PN	COM-1821-001-ETL	
Parameter	Specification	
	GSM900	GSM1800
Frequency Range (MHz)	890-960	1710-1880
Insertion Loss (dB)	≤0.3	≤0.3
Passband Ripple (dB)	≤0.15	≤0.15
Return Loss(Input/Output,dB)	≥18	≥18
Attenuation(dB)	70@1710MHz	70@960MHz
Power Handling(W)		
Peak	500	
CW	100	
Operating Temperature(°C)	-20 to +70	
Connector	SMA(f)	
Impedance(Ω)	50	
Dimension(mm)	180*68*50(excl.screws&connectors)	

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Specification Datasheet (@25°C)				
Model/PN	COM83400-GSM900/UMTS-04-001-ETL			
Parameter	CH1	CH2	CH3	CH4
Frequency Range(MHz)	825~880	909~960	1745~1850	1920~2170
Insertion Loss(dB)	≤0.8			
Ripple in Band(dB)	≤0.6			
Outband Rejection(dB)	≥80@CH2	≥80@CH1	≥80@CH1	≥80@CH1
	≥80@CH3	≥80@CH3	≥80@CH2	≥80@CH2
	≥80@CH4	≥80@CH4	≥80@CH4	≥80@CH3
Return loss(dB)	≥18			
IMD	≤-120dBc 2×43dBm			
Impedance(Ω)	50			
Connector	N-F			
Power Rating(W)	100(CW)			
Operating Temp(°C)	-25~+70			
Dimension(mm)	146*98*74(excluding screws & connectors)			

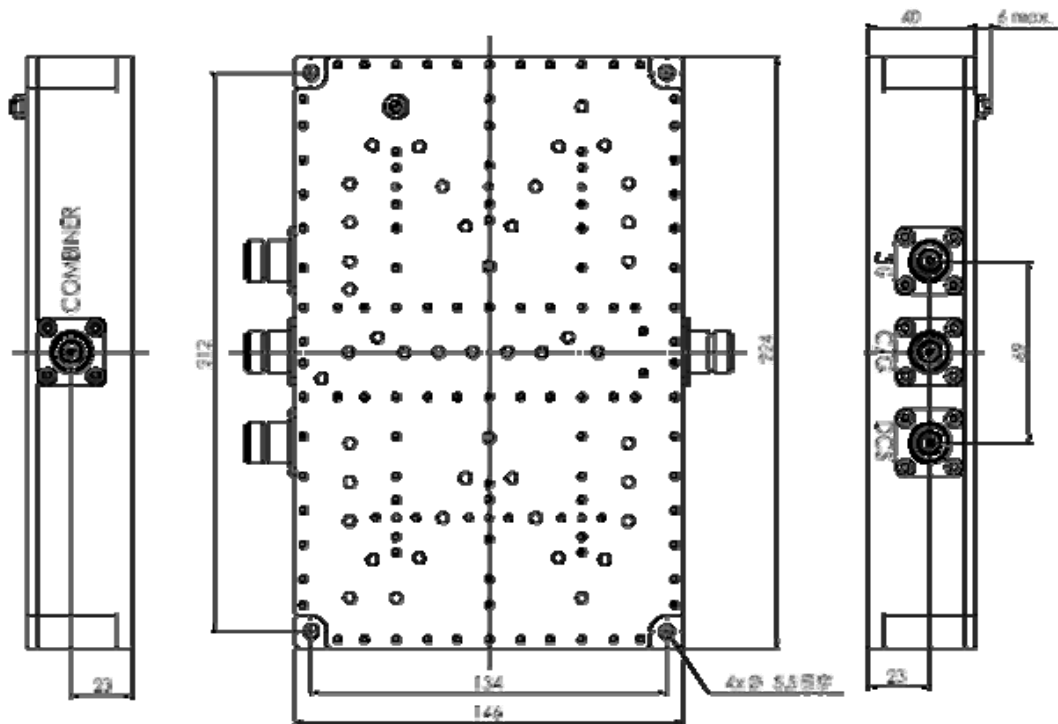


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Specification Datasheet (@25°C)	
Model/PN	COM-83408-GCUD-001-ETL
Frequency Range(MHz)	CH1: GSM&CDMA:800~960MHz
	CH2: DCS: 1710~1880MHz
	CH3: 3G:1920-2170MHz
Insertion Loss in Band	CH1: ≤0.3
	CH2: ≤0.6
	CH3: ≤0.6
Outband Rejection	CH1: ≥80@1710-2170MHz
	CH2: ≥80dB @800~960MHz
	≥80dB @1920~2170MHz
	CH3: ≥80dB@800~1880MHz
VSWR	≤20
Power Rating	200W(Peak)
Impedance	50Ω
Connector	N-K
Dimension(mm)	224×146×40(excluding screws & connectors)

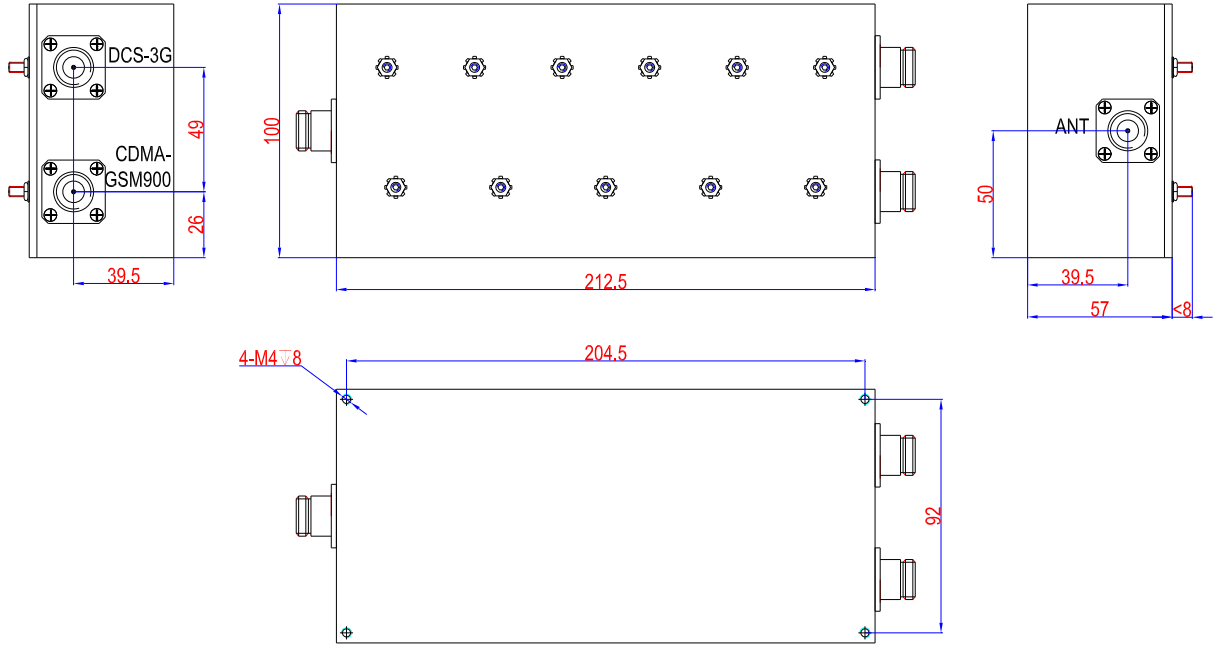


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Specification Datasheet (@25°C)		
Model/PN	Com-C-900-2000-01-ETL	
Parameter	Specifications	
Frequency (MHz)	CDMA-GSM900	DCS-3G
	800-960	1710-2170
Bandwidth (MHz)	160	460
Passband Insertion Loss (dB)	≤0.4	≤0.4
Passband Return Loss (dB)	≥19.5	≥19.5
Isolation(dB)	80dB@890-960	80dB@1710-2170
Passband Ripple(dB)	≤0.3	
Power	200W Max(CW)	
	5 KW Max(peak)	
Impedance	50 Ohm nominal	
IMD (dBc)	-140@2x43dBm inputs	
Temperature Range (°C)	-40to+65	
Relative humidity (%)	95 Max	
Applications	Indoor	
Weight (kg)	≤1.4	
Connector	N female	
Dimension(mm)	213*100*57(excl. screw & connector)	



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