

CAVITY MULTIPLEXER

PART NO. : WV-5MUL-COM08

◆ APPLICATION

> 5 Band System

◆ FEATURE

> High Reliability
> RoHS Compliant

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION							
Frequency Range	AWS				LTE700M-C			
	UL		DL		UL		DL	
Frequency Range(MHz)	1710-1755		2110-2155		698-716 + 777~787		728-757	
Insertion Loss	1.0dB Max		1.5dB Max		3.0dB Max		1.8dB Max	
Ripple(P-P)	1.2dB Max		1.2dB Max		1.2dB Max		1.2dB Max	
Return Loss	15dB Min		15dB Min		15dB Min		15dB Min	
Attenuation	Freq. (MHz)	Atten [dB] (Min)	Freq. (MHz)	Atten [dB] (Min)	Freq. (MHz)	Atten [dB] (Min)	Freq. (MHz)	Atten [dB] (Min)
	700-1500	80	700-1500	80	820-2200	80	820-2200	80
	1800-2000	80	1800-2000	80	728-757	100	777-787	100
	2110-2155	100	1710-1755	100	763-775	25	698-716	90
Isolation(DL to UL)	65dB Min@1932~1933MHz				65dB Min @766~767MHz 65dB Min @722~723MHz			
IN/OUT Impedance	50Ohms Nominal							
Power	20W CW Max per Input							

◆ ENVIRONMENTAL SPECIFICATION

ITEM	SPECIFICATION
Operating Temperature Range	-20°C to +70°C

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	176.0 x 254.0 x 48.0 (unit:mm)
Mounting Points	See Outline Drawing
RF Connector	All port : SMA Female Connector
Connector Position	See Outline Drawing
Finish	Black Color Epoxy Coating

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◆ OUTLINE DRAWING

