

CAVITY DUPLEXER(BANK TYPE)

PART NO. : WVC-757D787.5-21M01

◆ APPLICATION

> For 700MHz Band System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION	
	UL	DL
Frequency Range	777MHz ~ 798MHz	746MHz ~ 768MHz
Bandwidth	21MHz	22MHz
Insertion Loss	1.0dB max	1.3dB max
Passband Ripple	0.5dB max	0.8dB max
Group Delay	65nS max	95nS max
Return Loss	18.0dB Min, all port	
Out of Band Rejection	75dB Min @746MHz~768MHz 59dB Min @869MHz~894MHz 58dB Min @921MHz~960MHz 69dB Min @1805MHz~1880MHz 69dB Min @1900MHz~1920MHz 69dB Min @1930MHz~1990MHz 69dB Min @2010MHz~2025MHz 68dB Min @2100MHz~2170MHz 67dB Min @2300MHz~2400MHz 67dB Min @2400MHz~2473MHz 65dB Min @2620MHz~2690MHz	90dB Min @777MHz~798MHz 37dB Min @824MHz~894MHz 37dB Min @876MHz~960MHz 37dB Min @1710MHz~1880MHz 38dB Min @1900MHz~1920MHz 37dB Min @1850MHz~1990MHz 38dB Min @2010MHz~2025MHz 38dB Min @1980MHz~2170MHz 38dB Min @2300MHz~2400MHz 38dB Min @2400MHz~2473MHz 65dB Min @2500MHz~2570MHz
Average Power Rating	40W CW Max	
Peak power	400W CW Max	
In/Out Impedance	50 Ohms Nominal	

* Optional PIMD

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature	-40°C to +85°C

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MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	162.0 x 318.0 x 60.0 Max (unit:mm)
Mounting Points	Refer to Outline drawing
RF Connector	All Ports : SMA Female Connector
Connector Position	See Outline Drawing
Finish	Black color epoxy coating

OUTLINE DRAWING

