

## PART NO. : WVC-751B10-ER-01

### ◆ APPLICATION

> for 700MHz Band System

### ◆ FEATURE

> High Reliability  
> **RoHS Compliant**

### ◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range	746MHz ~ 756MHz
Insertion Loss	0.5dB Max
Flatness	0.5dB Max (Within any 10 MHz sub band of the pass band)
Return Loss	15.0dB Min
Rejection	50dB Min @777MHz ~ 787MHz
In/Out Impedance	50 Ohms nominal
Power Handling(CW)	100 Watts
Maximum Peak Power	Peak to average @10%: 4 dB Peak to average @1%: 6 dB Peak to average @ 0.1%: 7dB Peak to average @ 0.01%: 8dB Peak to average @ 0.001%: 8.5dB Crest factor: 10 Db (duration of the maximum peaks is about 100 us)
Third order intermodulation	< -130dBc Min with two +43dBm tones

### ◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature	+18°C to +40°C

### ◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	150.0 mm x 100.0 mm x 100.0 mm (Including Tuning Screw and Connector)
RF Connector	N Female Connector
Finish	Black color epoxy coating

## ◆ OUTLINE DRWAING

