

PART NO. : WVC-2332.5B90-ER-01

◆ APPLICATION

> for 2287.5MHz ~ 2377.5MHz Band Rejection System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range	2287.5MHz ~ 2377.5MHz
Insertion Loss	1.5dB Max
Flatness	1.0dB Max(Within any 20MHz sub band of the pass band)
Return Loss	14dB Min
Rejection	70dB Min @ 9KHz ~ 2272.5MHz and 2392.5MHz ~ 4000MHz
In/Out Impedance	50 Ohms nominal
Maximum Average Power	47dBm
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)
Passive Inter-modulation	< -130dBc Min (The requirement is relative two 43 dBm CW carriers delivered to the common connector and applies for forward and reverse IM.)

◆ ENVIRONMENTAL SPECIFICATIONS

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

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	250.0 mm x 74.0 mm x 40.0 mm (Including Tuning Screw and Connector)
RF Connector	N Female Connector
Finish	Black color epoxy coating

CAVITY BPF

◆ OUTLINE DRWAING

