

CAVITY DUPLEXER

PART NO. : WVC-2072.5D2245-90M01

◆ APPLICATION

> 2025MHz~2120MHz Band and 2200MHz~2290MHz Band System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range	Channel #1 : 2025MHz ~ 2120MHz Channel #2 : 2200MHz ~ 2290MHz
Center Frequency	Channel #1 Fc = 2072.5MHz Channel #2 Fc = 2245MHz
Operating Bandwidth	Channel #1 : 95MHz Channel #2 : 90MHz
Passband Insertion Loss	0.4dB Max
VSWR	1.4 : 1 Max
Rejection	Channel #1 : 40dBc Min @ 2200MHz to 2400MHz Channel #2 : 40dBc Min @ DC to 2025MHz 60dBc Min @ 2025MHz to 2120MHz 40dBc Min @ 2350MHz to 5000MHz
Power Handling	100W CW Max
In/Out Impedance	50 Ohms Nominal

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature Range	-50°C to +55°C

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	148.0 x 114.0 x 31.0 (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

