

CAVITY DIPLEXER(3Bands)

PART NO. : WV-3MUL-ER-01

◆ APPLICATION

> for 790MHz ~ 862MHz / 880MHz ~ 960MHz / 1710MHz ~ 1880MHz Band System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range	Port A: 790MHz ~ 862MHz Port B : 880MHz ~ 960MHz Port C : 1710MHz ~ 1880MHz
Insertion Loss	Port A, B, C to E : 0.4 dB Max, 0.3dB Typical
Isolation	Port to Port (Band to Band) : 70 dB Min
In/Out Impedance	50 Ohms nominal

◆ GENERAL SPECIFICATION

ITEM	SPECIFICATION
VSWR	1.2:1 Max, 1.18:1 Typical
IMD	3rd Order Intermodulation Products (2x43dBm carrier) : -160dBc Min
Maximum Power per Unit	200W (at 50° C ambient temperature)
Warranty	10 Years
Bypass	DC By-pass between all ports

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature	-20°C to +70°C, IP65

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MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	61.5 mm x 279.0 mm x 326.0 mm (Height x Width x Depth)
RF Connector	7/16 DIN Female Connector
Weight	Apprx. 3.9 Kgs.
Finish	Gray color epoxy coating

OUTLINE DRAWING

