

BI-DIRECTIONAL COUPLER

PART NO. : WV-0.8T2.7G-20CP03

◆ APPLICATION

> 800MHz ~2700MHz System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range (MHz)	800 ~ 2700
Coupling	20.0±1.0dB
Insertion Loss	0.3dB Max
Coupling Flatness	1.0dB Max(p-p)
Directivity	20.0dB Min
Power Rating	100W Max
VSWR	1.2:1 Max
Intermodulation	120dBc Min(43dBmx2Tone)
In/Out Impedance	50 Ohms Nominal

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature	-50°C to +80°C, IP67

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	108.4 x 29.2 x 23.0 Max (Unit : mm)
Mounting Points	See Outline Drawing
RF Connector	Input, Output Port :N Female Connector Coupling Port : N Female Connector
Connector Position	See Outline Drawing
Finish	White Color Chromate

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◆ OUTLINE DRAWING

