

# BI-DIRECTIONAL COUPLER

**PART NO. : WV-0.8T2.7G-6CP03**

◆ APPLICATION

> 800MHz ~2700MHz Band System

◆ FEATURE

> High Reliability  
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

| ITEM                  | SPECIFICATION                        |
|-----------------------|--------------------------------------|
| Frequency Range (MHz) | 800 ~ 2700                           |
| Coupling              | 6.0±1.0dB                            |
| Insertion Loss        | 1.7dB Max                            |
| Coupling Flatness     | 1.0dB Max(p-p)                       |
| Directivity           | 20.0dB Min                           |
| Power Rating          | 100W Max                             |
| VSWR                  | 1.2:1 Max                            |
| Intermodulation       | 120dBc Min(43dBm <sub>x</sub> 2Tone) |
| In/Out Impedance      | 50 Ohms Nominal                      |

◆ ENVIRONMENTAL SPECIFICATIONS

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

◆ MECHANICAL SPECIFICATIONS

| ITEM               | SPECIFICATION  |
|--------------------|--|
| Dimension          | 122.0 x 42.0 x 22.0 Max (Unit : mm)  |
| Mounting Points    | See Outline Drawing  |
| RF Connector       | Input, Output Port :N Female Connector<br>Coupling Port : N Female Connector |
| Connector Position | See Outline Drawing  |
| Finish             | White Color Chromate   |

# BI-DIRECTIONAL COUPLER

◆ OUTLINE DRWAING

