

# HYBRID COUPLER

## PART NO. : WVH-4X4-N-06

### ◆ APPLICATION

> 380MHz ~ 2500MHz Band System

### ◆ FEATURE

> High Reliability  
> **RoHS Compliant**

### ◆ ELECTRICAL SPECIFICATION

| ITEM                  | SPECIFICATION                                                   |
|-----------------------|-----------------------------------------------------------------|
| Frequency Range (MHz) | 380 ~ 2500                                                      |
| Coupling Value        | 6.3±1.0dB                                                       |
| Isolation             | 25.0dB Min @ 380MHz ~ 1500MHz<br>20.0dB Min @ 1500MHz ~ 2500MHz |
| VSWR                  | 1.3:1 Max @ 380MHz ~ 1500MHz<br>1.35:1 Max @ 1500MHz ~ 2500MHz  |
| Power per Input       | 100W avg. 3.0KW Peak                                            |
| PIM                   | 150dBc Min @ 2tone-43dBm Input                                  |
| In/Out Impedance      | 50 Ohms Nominal                                                 |

### ◆ ENVIRONMENTAL SPECIFICATIONS

| ITEM                        | SPECIFICATION          |
|-----------------------------|------------------------|
| Operating Temperature Range | -15°C to +65°C, Indoor |

### ◆ MECHANICAL SPECIFICATIONS

| ITEM               | SPECIFICATION                             |
|--------------------|-------------------------------------------|
| Dimension          | 394.0 x 190.0 x 82.0 Max (Unit:mm)        |
| Mounting Points    | See Outline Drawing                       |
| RF Connector       | Input & Output Ports : N Female Connector |
| Connector Position | See Outline Drawing                       |
| Finish             | Black Color Epoxy Coating                 |

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## ◆ OUTLINE DRAWING

