

## **Double Ridged Waveguide H-Bend**

| Part No: VT1800DRWHB30X30PPC |                           |  |  |  |
|------------------------------|---------------------------|--|--|--|
| 1.0                          | Mechanical Specifications |  |  |  |
| 1.1                          | Waveguide type            | WRD180   |  |  |
| 1.2                          | Flange type               | FPWRD180C24  |  |  |
| 1.3                          | Material Copper           |  |  |  |
| 1.4                          | Inside finish             | sh Silver Plating  |  |  |
| 1.5                          | Outside finish            | nish Anticorrosion grey paint  |  |  |
| 1.6                          | Dimensions                | A=30 mm, B=30 mm   |  |  |
|                              |                           |  |  |  |
| 2.0                          | Electrical Specifications |  |  |  |
| 2.1                          | Frequency range           | 18-40 GHz  |  |  |
| 2.2                          | VSWR (Max)                | 1.30   |  |  |
|                              |                           |  |  |  |
| 3.0                          | Outline Drawings          |  |  |  |
|                              | 4.8                       | 22.4 4-2X45° Chamferø3X82° 2-2.4:853  4-R0.28 2X(4-40UNC-2B) 2-Ø3.37:863  1.45±0.05 2-Ø2.37:863 3.4±0.05 |  |  |



**Revision History** 

| Date        | Revision | Changes       |
|-------------|----------|---------------|
| 17-Mar-2008 | 1        | First release |

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