

## Waveguide Rotary Joint



Part No: VT120WRJU

| <b>1.0 Mechanical Specifications</b> |                      |                          |
|--------------------------------------|----------------------|--------------------------|
| 1.1                                  | Waveguide type       | WR75                     |
| 1.2                                  | Flange type          | FBP120 (Cover)           |
| 1.3                                  | Material             | Copper                   |
| 1.4                                  | Inside finish        | Silver plating           |
| 1.5                                  | Outside finish       | Anticorrosion grey paint |
| 1.6                                  | Temperature range    | -30°C ~ +70°C            |
| 1.7                                  | Style                | U style                  |
| <b>2.0 Electrical Specifications</b> |                      |                          |
| 2.1                                  | Frequency range      | 14-14.5 GHz              |
| 2.2                                  | VSWR (Max)           | 1.20                     |
| 2.3                                  | VSWR WOW             | 0.05                     |
| 2.4                                  | Insertion loss (Max) | 0.2 dB                   |
| 2.5                                  | Insertion loss WOW   | 0.05 dB                  |
| <b>3.0 Outline Drawings</b>          |                      |                          |
|                                      |                      |                          |

**Vector Telecom Pty Ltd**

Level 40, 140 William Street, Melbourne VIC 3000, Australia  
 Tel: +61 3 9607 8357 - Fax: +61 3 9607 8282 - [www.vectortele.com](http://www.vectortele.com)



## Revision History

| Date        | Revision | Changes       |
|-------------|----------|---------------|
| 09-Mar-2007 | 1        | First release |

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Email: [sales@vectortele.com](mailto:sales@vectortele.com)

**[www.vectortele.com](http://www.vectortele.com)**

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