

## **Crossguide Directional Coupler**

| <b>1.0</b>         | NO: VI32WL+C30PPPA<br>Mechanical Specifications |   |  |
|--------------------|---|---|--|
| 1.1                | -   | WR284   |  |
|                    | Waveguide type                                  |   |  |
| 1.2                | Flange type                                     | FDP32 (Cover)   |  |
| 1.3                | Material  | Aluminum  |  |
| 1.4                | Inside finish                                   | Chromate conversion   |  |
| 1.5                | Outside finish                                  | Anticorrosion grey paint  |  |
| 2.0                | Electrical Specifications                       |   |  |
| 2.1                | Frequency range 2.6-3.95 GHz                    |   |  |
| 2.2                | Operation bandwidth                             | Up to 20% of waveguide center freq  |  |
| 2.3                | VSWR (Max)                                      | 1.10 (Main Line), 1.15 (Secondary Line)   |  |
| 2.4                | Coupling  | $30 \pm 0.7 \text{ dB}$   |  |
| 2.5                | Directivity (Min)                               | 18 dB   |  |
|                    |   |   |  |
| 3.0                | Outline Drawings                                |   |  |
| <u>8</u><br>FDP32/ |   | €<br>111.54<br>76.2<br>59.14<br>4-¢6.35*036<br>59.14<br>4-¢6.35*036<br>59.14<br>4-¢6.35*036<br>6-¢6.35*036<br>34.04±.14<br>6-¢6.35*036<br>111.54<br>111.54<br>14-¢6<br>6-¢6.35*036<br>111.54<br>14-¢6<br>111.54<br>14-¢6<br>111.54<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14-¢6<br>14 |  |



## **Revision History**

| Date        | Revision | Changes       |
|-------------|----------|---------------|
| 05-Mar-2006 | 1        | First release |

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