



### Standard Gain Horn Antenna

Part No: HD-120SGAH20

|                                      |                                  |                                     |
|--------------------------------------|----------------------------------|-------------------------------------|
| <b>1.0</b>                           | <b>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                   | Corrosion protected with grey paint |
| <b>2.0 Electrical Specifications</b> |                                  |                                     |
| 2.1                                  | Frequency Range                  | 9.84-15.0 GHz                       |
| 2.2                                  | VSWR (Max)                       | 1.5                                 |
| 2.3                                  | Gain                             | 20 dB                               |
| 2.4                                  | 3 dB Beamwidth                   | 18°                                 |
| <b>3.0 Outline Drawings</b>          |                                  |                                     |
|                                      |                                  |                                     |



**Revision History**

| Date          | Revision | Changes       |
|---------------|----------|---------------|
| 09-April-2004 | 1        | First release |

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