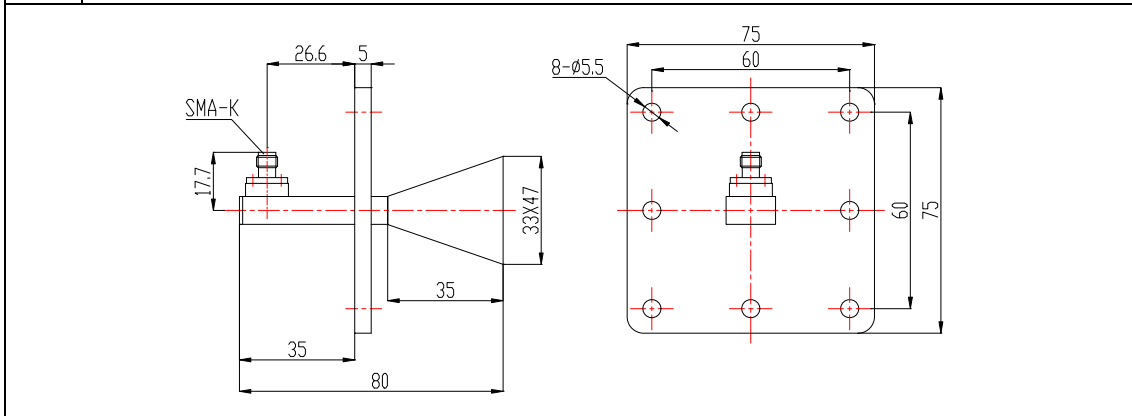




**Standard Gain Horn Antenna**

Part No: HD-180SGAH15SK

|            |                                  |                                     |
|------------|----------------------------------|-------------------------------------|
| <b>1.0</b> | <b>Mechanical Specifications</b> |                                     |
| 1.1        | Waveguide type                   | WR51                                |
| 1.2        | Connector type                   | SMA-female                          |
| 1.3        | Material                         | Copper                              |
| 1.4        | Inside finish                    | Silver plating                      |
| 1.5        | Outside finish                   | Corrosion protected with grey paint |
|            |                                  |                                     |
| <b>2.0</b> | <b>Electrical Specifications</b> |                                     |
| 2.1        | Frequency Range                  | 14.5-22 GHz                         |
| 2.2        | VSWR (Max)                       | 1.5                                 |
| 2.3        | Gain                             | 15 dB                               |
| 2.4        | 3dB Beamwidth                    | 30°                                 |
|            |                                  |                                     |
| <b>3.0</b> | <b>Outline Drawings</b>          |                                     |





**Revision History**

| Date          | Revision | Changes       |
|---------------|----------|---------------|
| 09-April-2006 | 1        | First release |

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