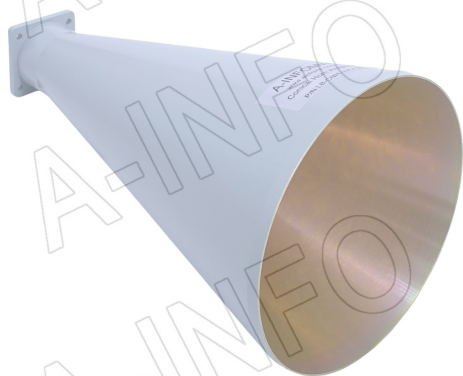


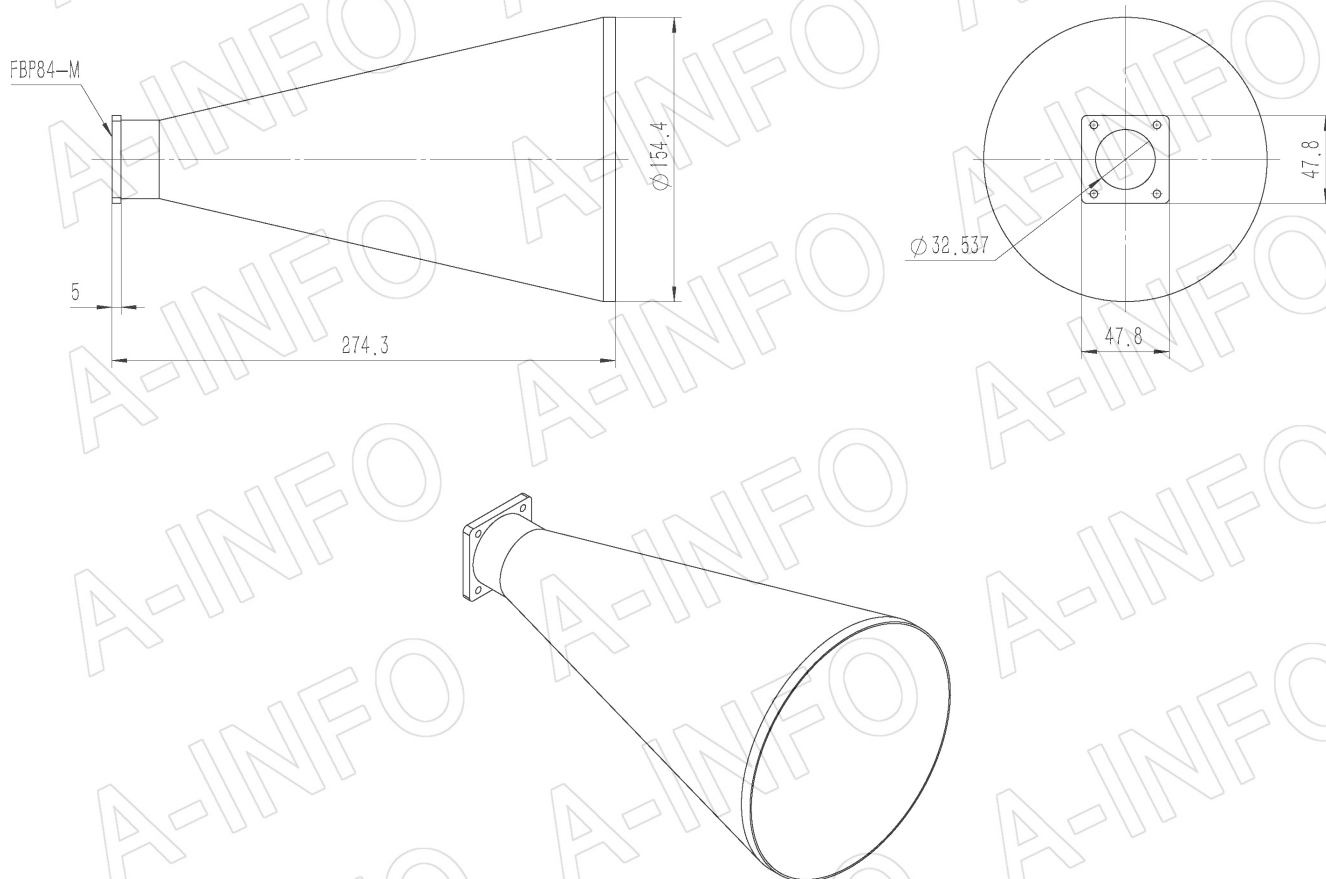
For reference only. See data sheet for the detailed specifications.

## Technical Specification



|                          |                                            |
|--------------------------|--------------------------------------------|
| Frequency Range(GHz)     | 6.21 – 8.51                                |
| EIA WC                   | WC128                                      |
| Circular WG Size         | 32.537mm / 1.28"                           |
| Gain(dBi)                | 20 Typ.                                    |
| Polarization             | Linear and Circular                        |
| 3dB Beamwidth(deg)       | E Plane: 16 Typ.                           |
|                          | H Plane: 19 Typ.                           |
| Cross Pol. Isolation(dB) | 45 Typ.                                    |
| VSWR                     | 1.25:1 Max.                                |
| Output                   | FBP84-M                                    |
| Material                 | Al                                         |
| Finish                   | Chemical Conversion Coating,<br>Gray Paint |
| Size(mm)                 | 154.4 x 154.4 x 274.3                      |
| Net Weight(Kg)           | 0.58 Around                                |

## Outline Drawing (Size: mm)



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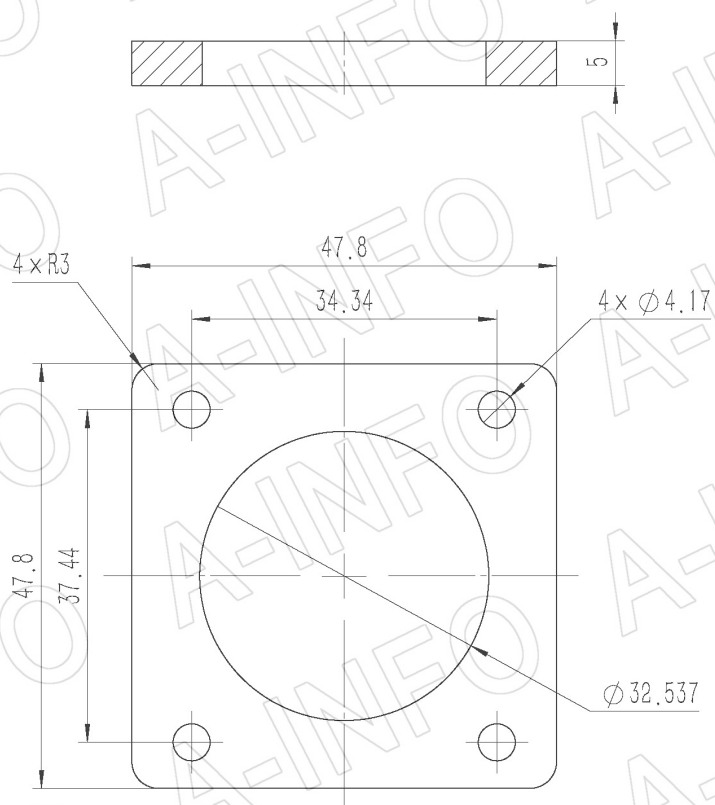
China(Beijing): Tel: (+86) 10-6266-7326,  
China(Chengdu): Tel: (+86) 28-8519-2786,  
USA : Tel: (+1) 949-639-9688,

Page 1 of 5

(+86) 10-6266-7327 Fax: (+86) 10-6266-7379  
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068  
(+1) 949-639-9608 Fax: (+1) 949-639-9670

Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

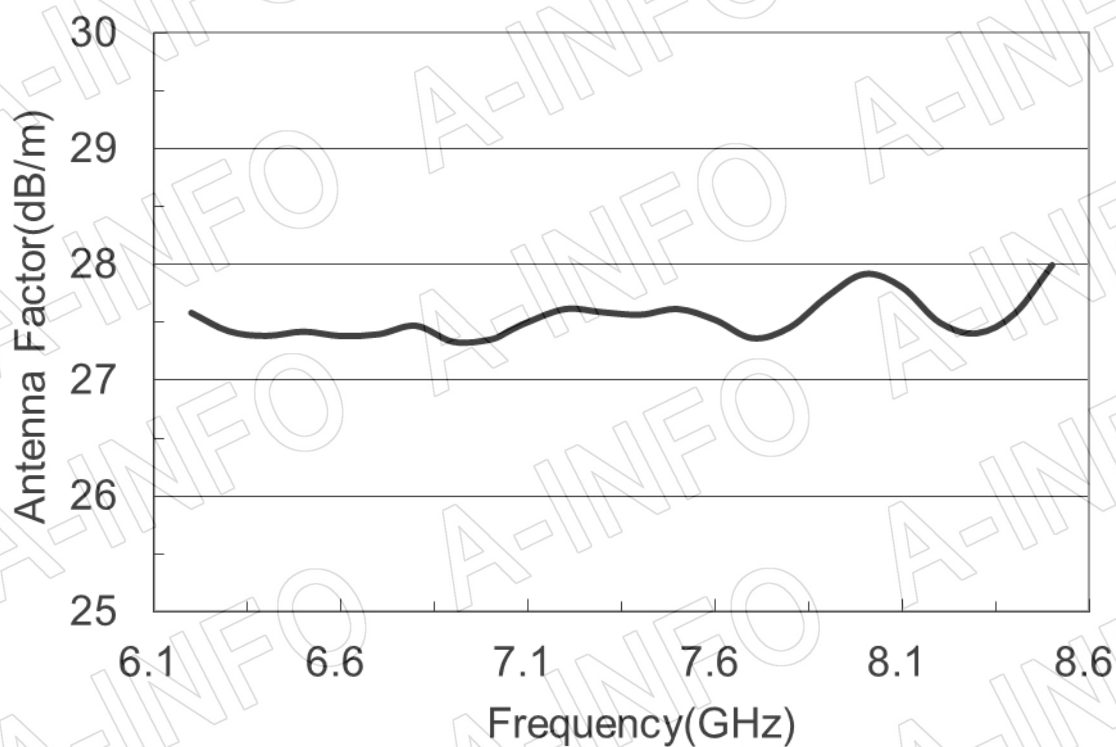
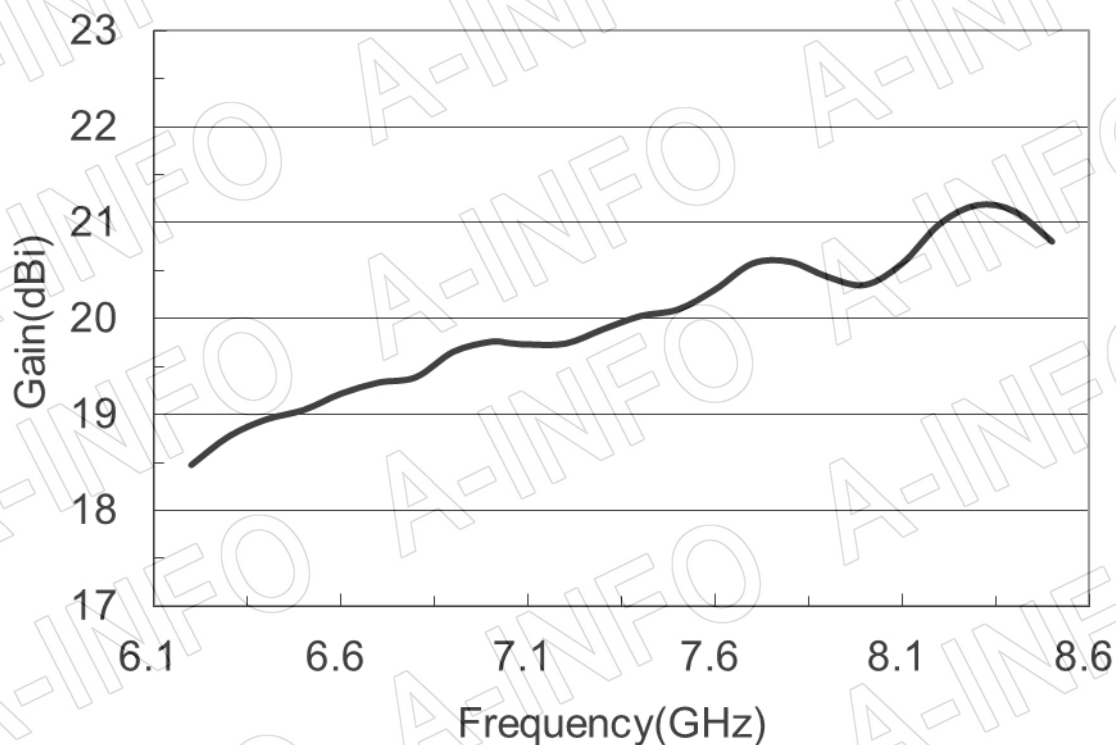
## Flange Drawing (Size: mm)



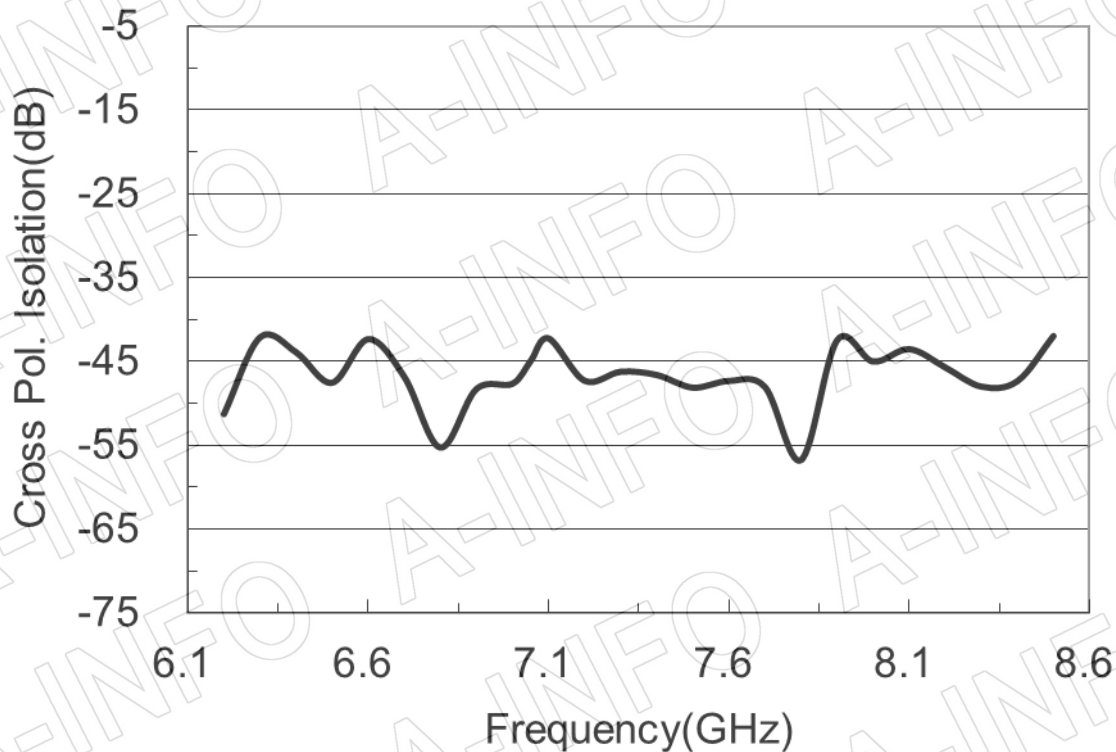
FBP84-M

## Test Results (Including circular to rectangular transition)

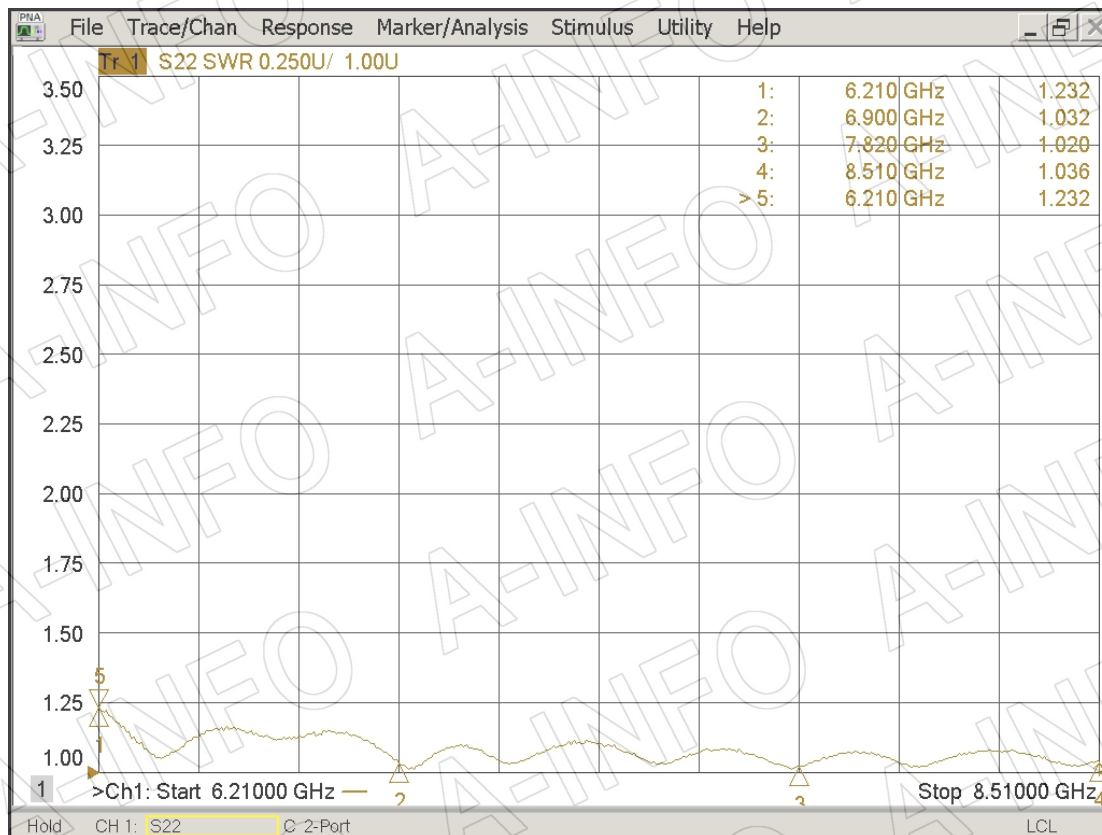
### 1. Gain & Antenna Factor



## 2. Cross Polarization Isolation



## 3. VSWR



## 4. Pattern

