

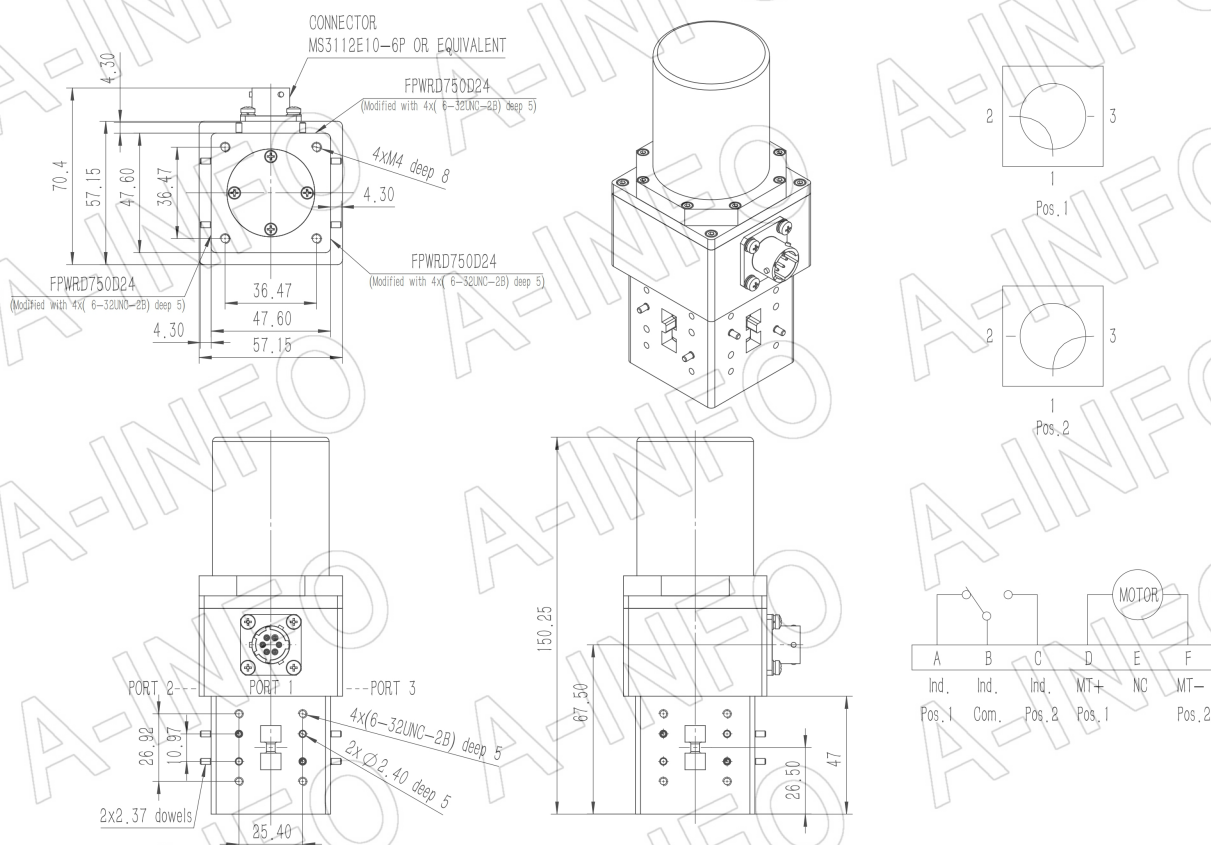
For reference only. See data sheet for the detailed specifications.

## Technical Specification



|                           |                                                |
|---------------------------|------------------------------------------------|
| EIA WRD                   | WRD750                                         |
| Switch Type               | SPDT Latching                                  |
| Frequency Range(GHz)      | 7.5 – 18.0                                     |
| DC Power Supply(V)        | 27 ± 3                                         |
| Current(A)                | 1.0 Max.                                       |
| VSWR                      | 1.20:1 Max.                                    |
| Isolation(dB)             | 60 Min.                                        |
| Insertion Loss(dB)        | 0.5 Max.                                       |
| Switching Time(ms)        | 110 Max.                                       |
| Power Handling(W CW)      | 500                                            |
| Flange                    | FPWRD750D24<br>Modified with 4x(6-32UNC-2B) D5 |
| Operating Temperature(°C) | -55 ~ +85                                      |
| Material                  | Al                                             |
| Finish                    | Chemical Conversion<br>Coating, Black Paint    |
| Size(mm)                  | 57.15 x 70.4 x 150.25                          |
| Net Weight(Kg)            | 0.86 Around                                    |

## Outline Drawing (Size: mm)



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Page 1 of 5

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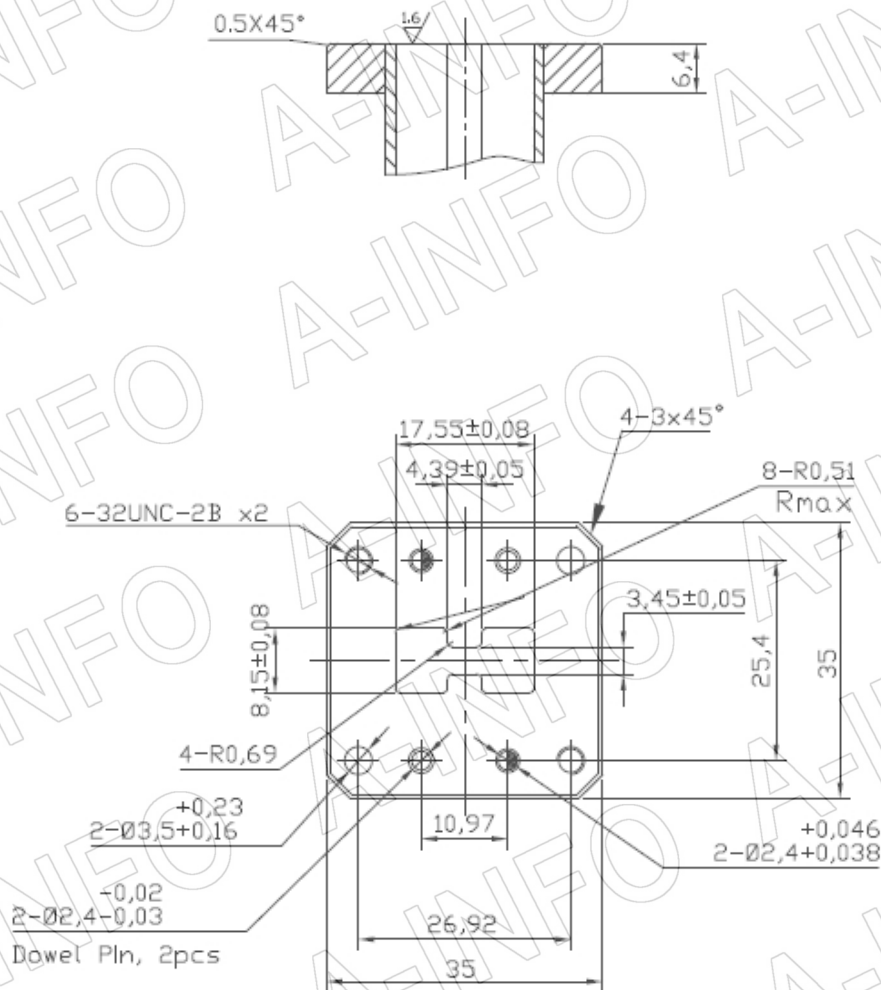
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## Flange Drawing (Size: mm)

### FPWRD750D24

(With two through mounting holes  
and two screws holes)



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Page 2 of 5

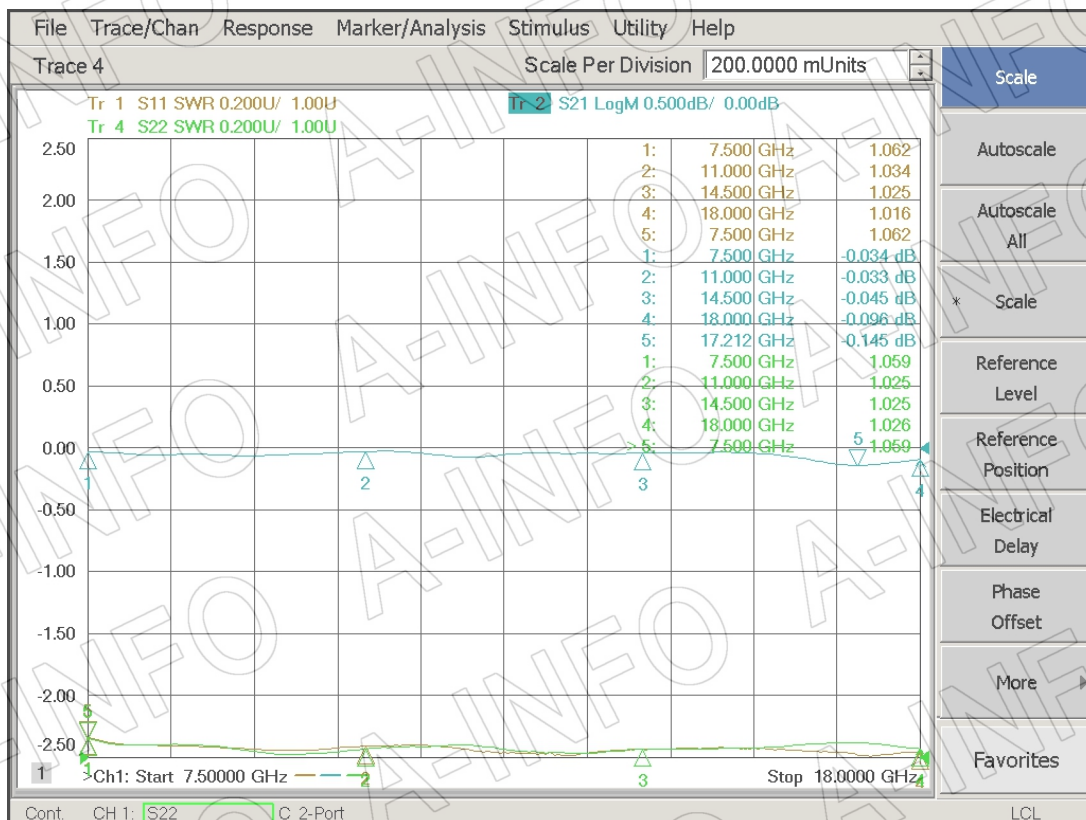
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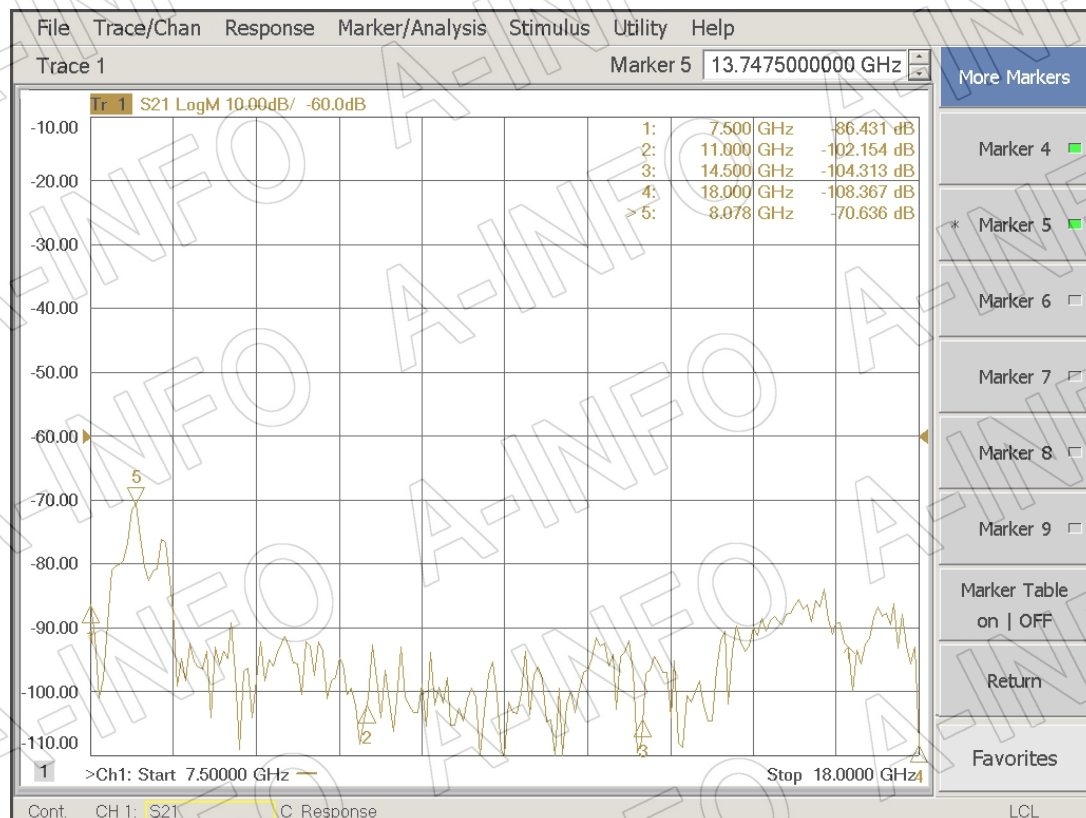
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Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

### Test Results

#### I.L. @Pos. 1

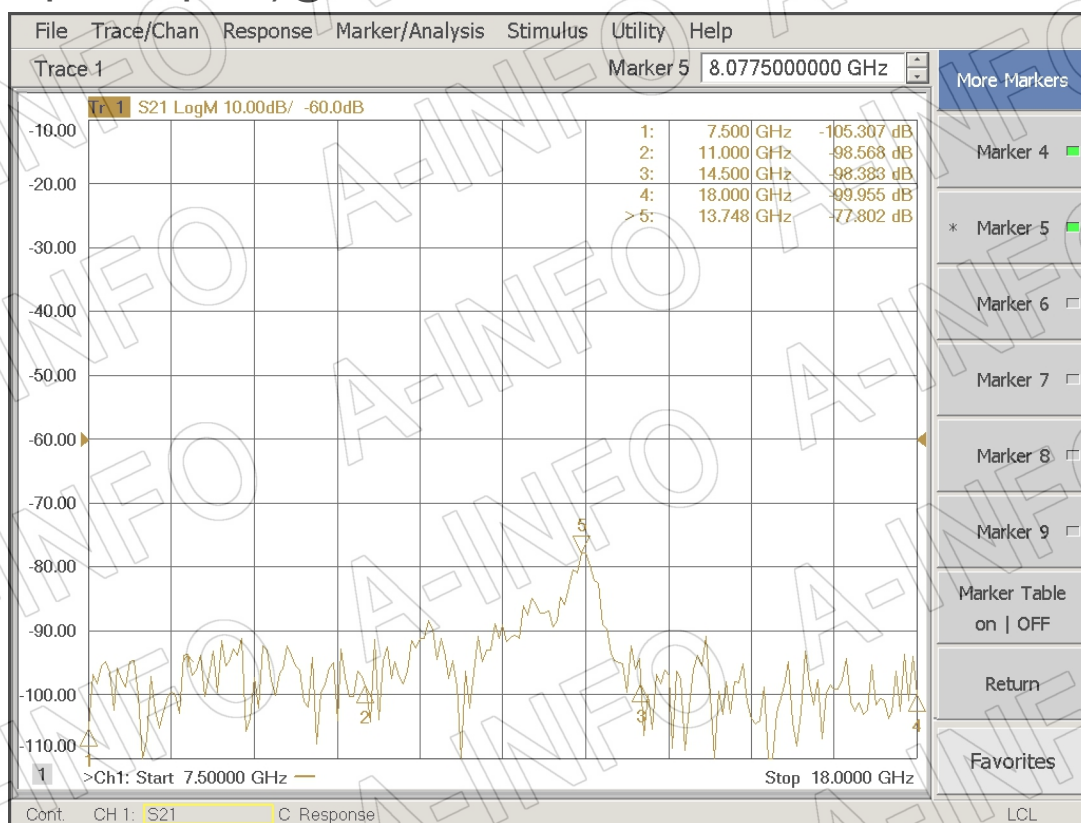


#### Iso.(From port 1 to port 3) @ Pos. 1

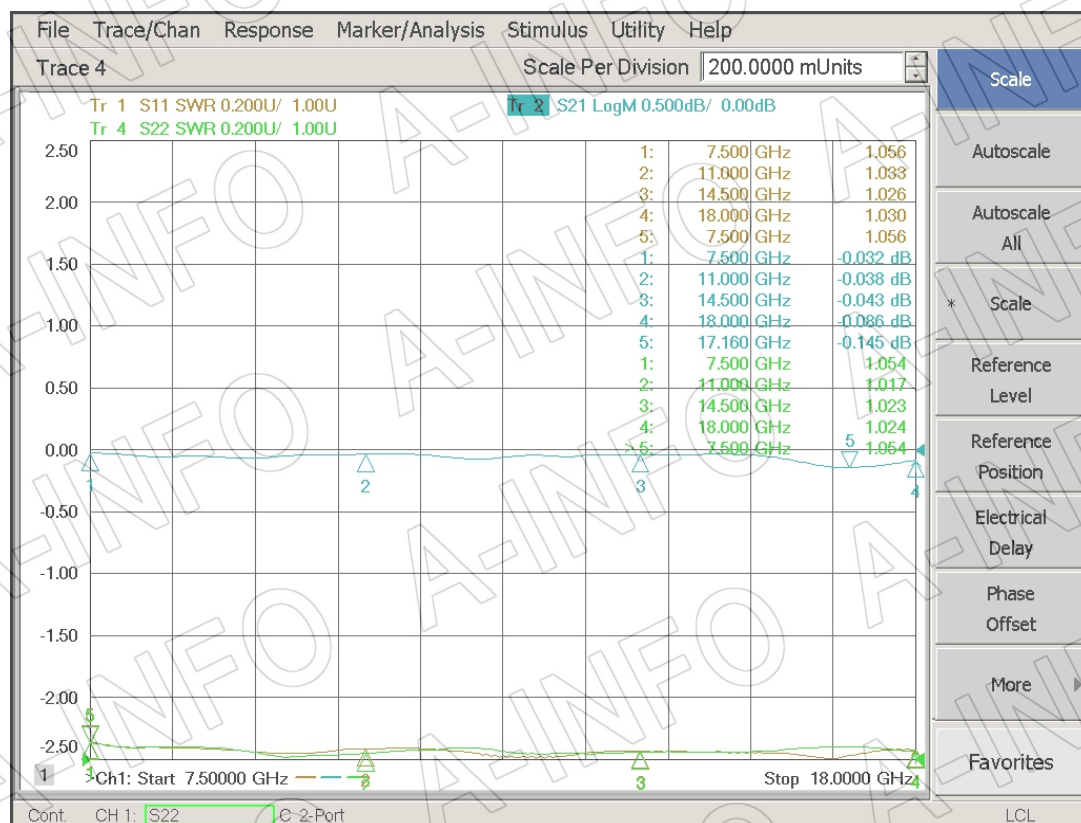




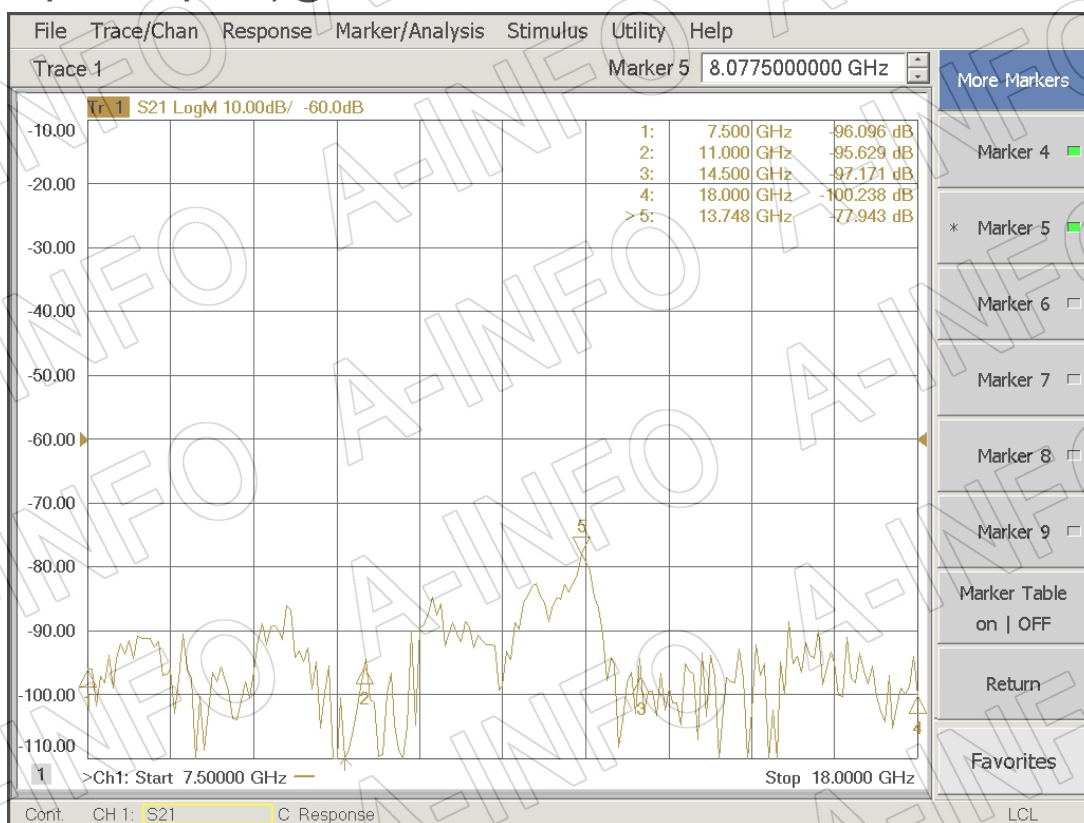
## Iso.(From port 2 to port 3) @ Pos. 1



## I.L. @ Pos. 2



## Iso.(From port 1 to port 2) @ Pos. 2



## Iso.(From port 3 to port 2) @ Pos. 2

