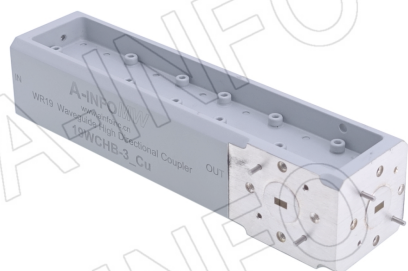


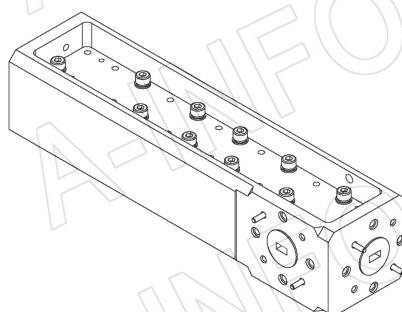
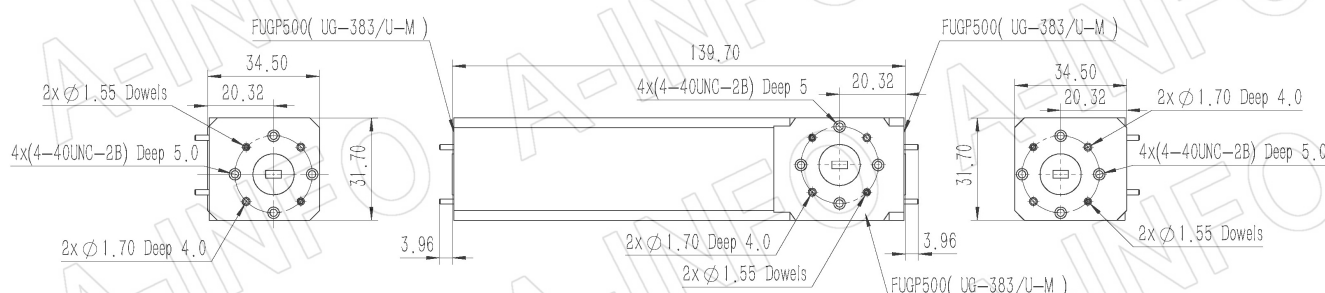
For reference only. See data sheet for the detailed specifications.

## Technical Specification

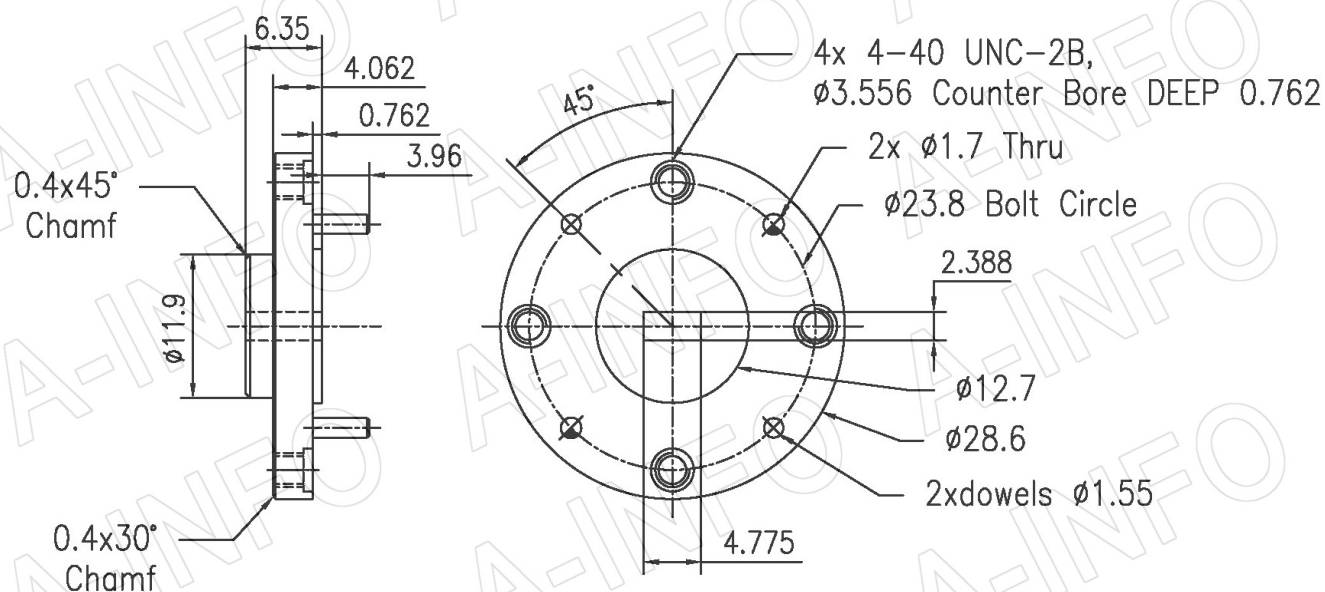


|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| EIA WR                    | WR19                                                    |
| Frequency Range(GHz)      | 40.0 – 60.0                                             |
| Coupling(dB)              | 3                                                       |
| Coupling Accuracy(dB)     | ±1.3 Max.                                               |
| Frequency Sensitivity(dB) | ±0.9 Max.                                               |
| Directivity(dB)           | 30 Min.                                                 |
| Insertion Loss(dB)        | 0.6 Max.<br>(Not including the theoretical loss 3.02dB) |
| Mainline VSWR             | 1.15:1 Max.                                             |
| Secondline VSWR           | 1.20:1 Max.                                             |
| Flange                    | FUGP500(UG-383/U-M)                                     |
| Material                  | Cu                                                      |
| Size(mm)                  | 139.7 x 34.5 x 31.7                                     |
| Net Weight(Kg)            | 0.70 Around                                             |

## Outline Drawing (Size: mm)



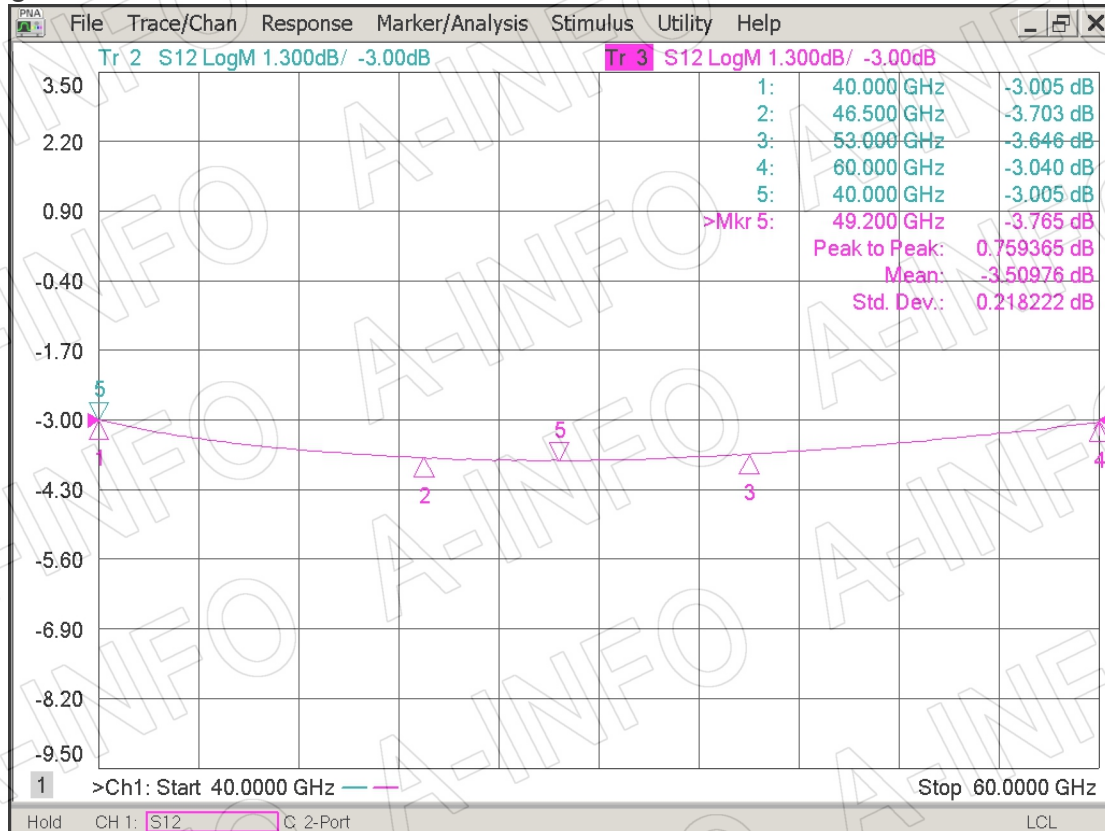
## Flange Drawing (Size: mm)



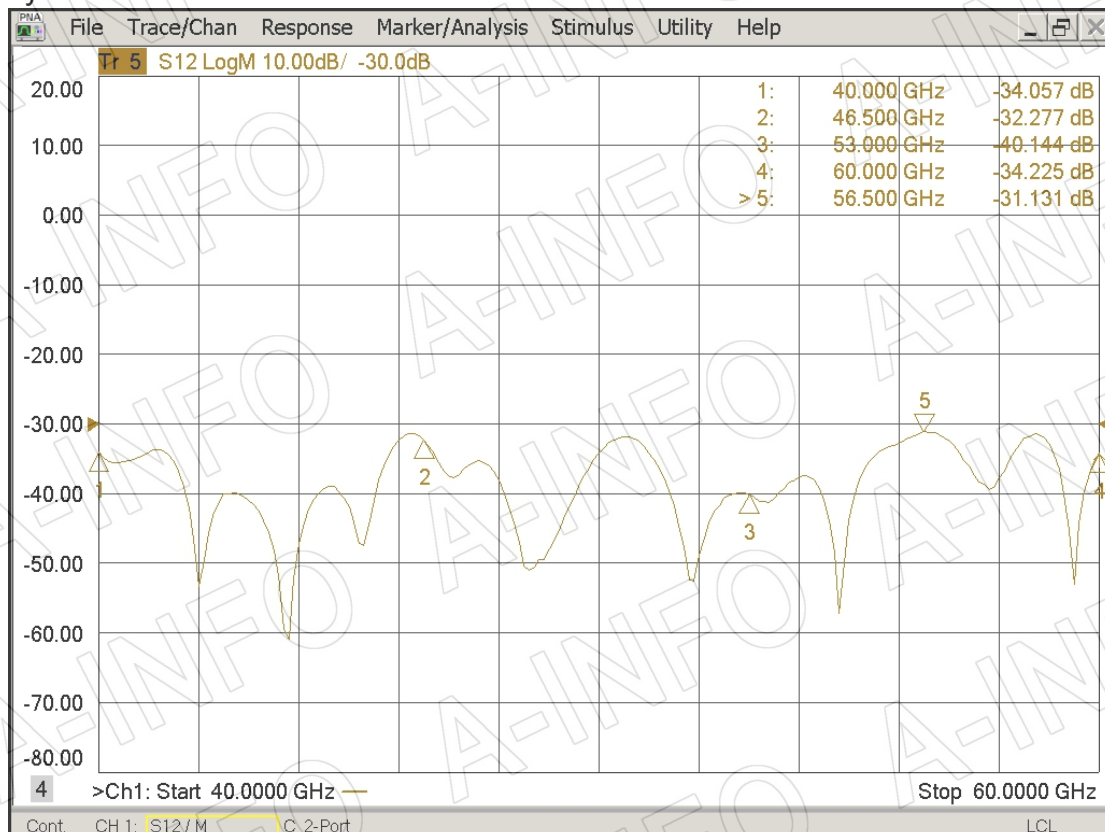
FUGP500  
(equivalent to UG-383/U-M)

## Test Results

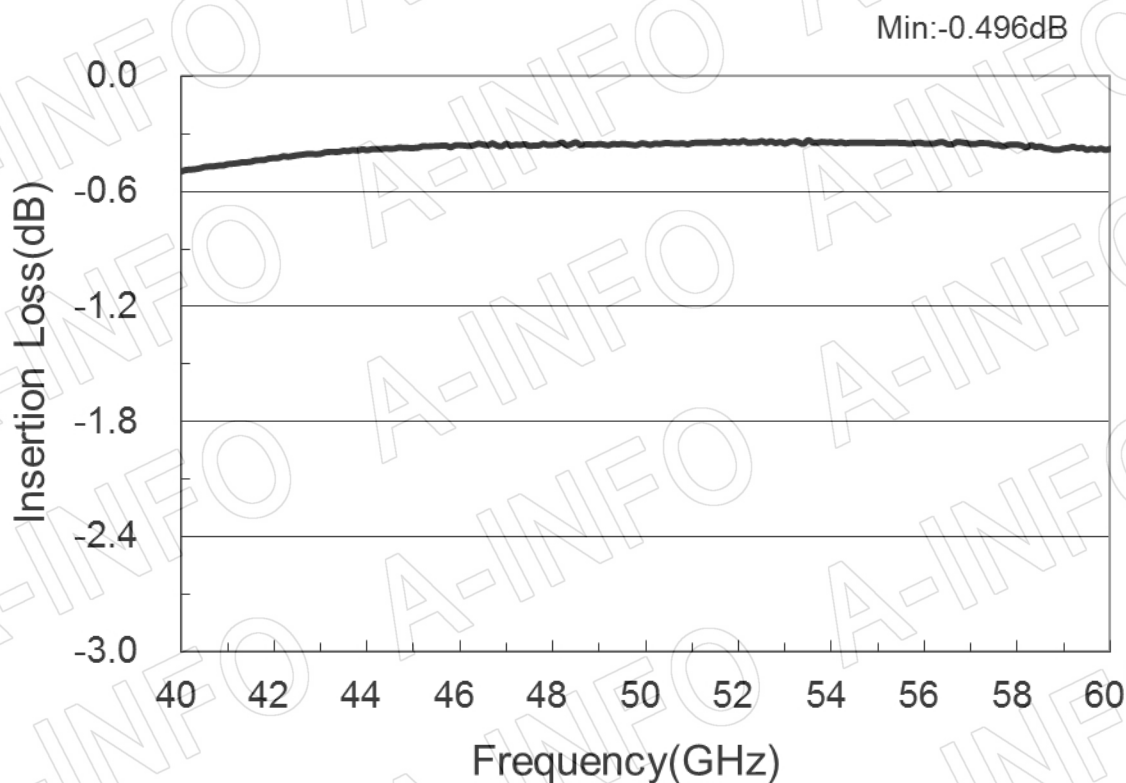
### Coupling



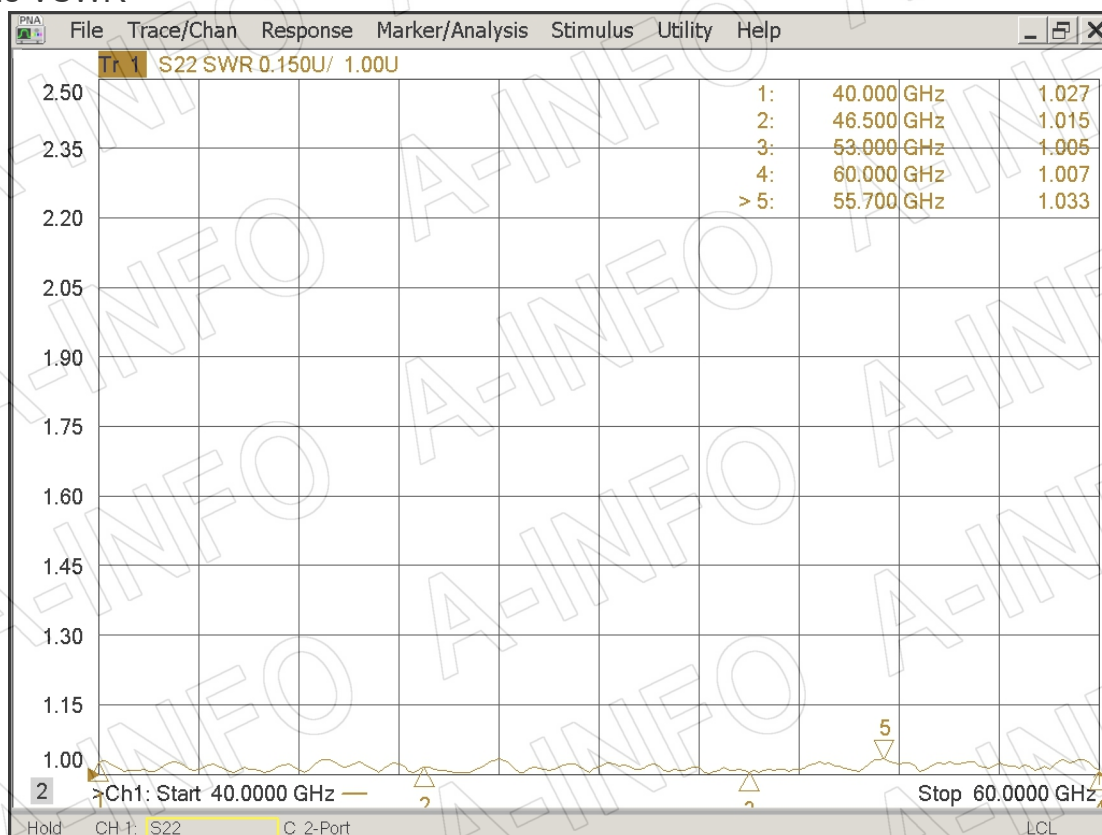
### Directivity



I.L. (Not including the theoretical loss 3.02dB)



Mainline VSWR





## Secondline VSWR

