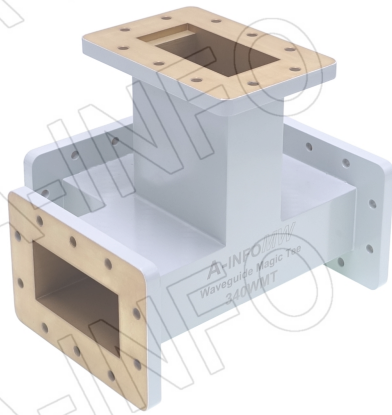


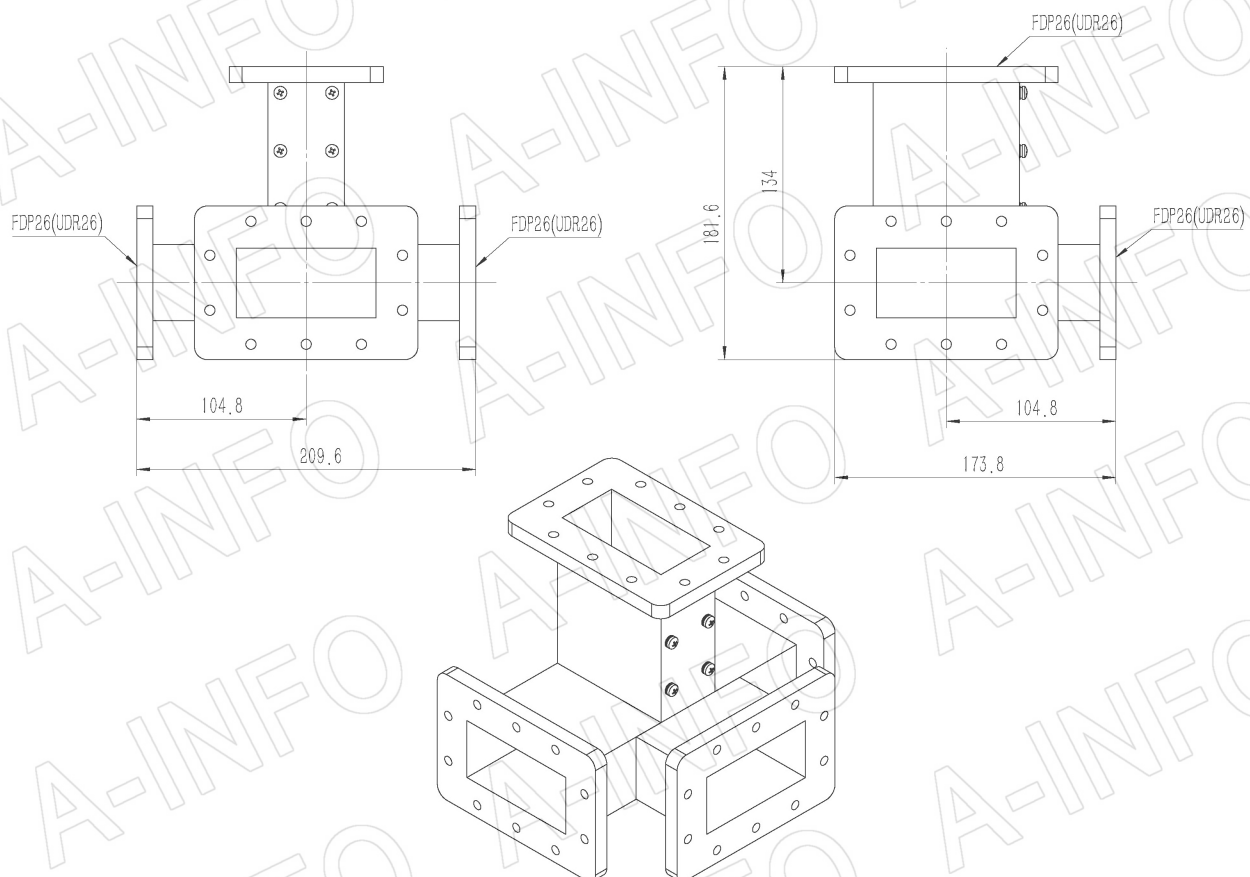
For reference only. See data sheet for the detailed specifications.

Technical Specification

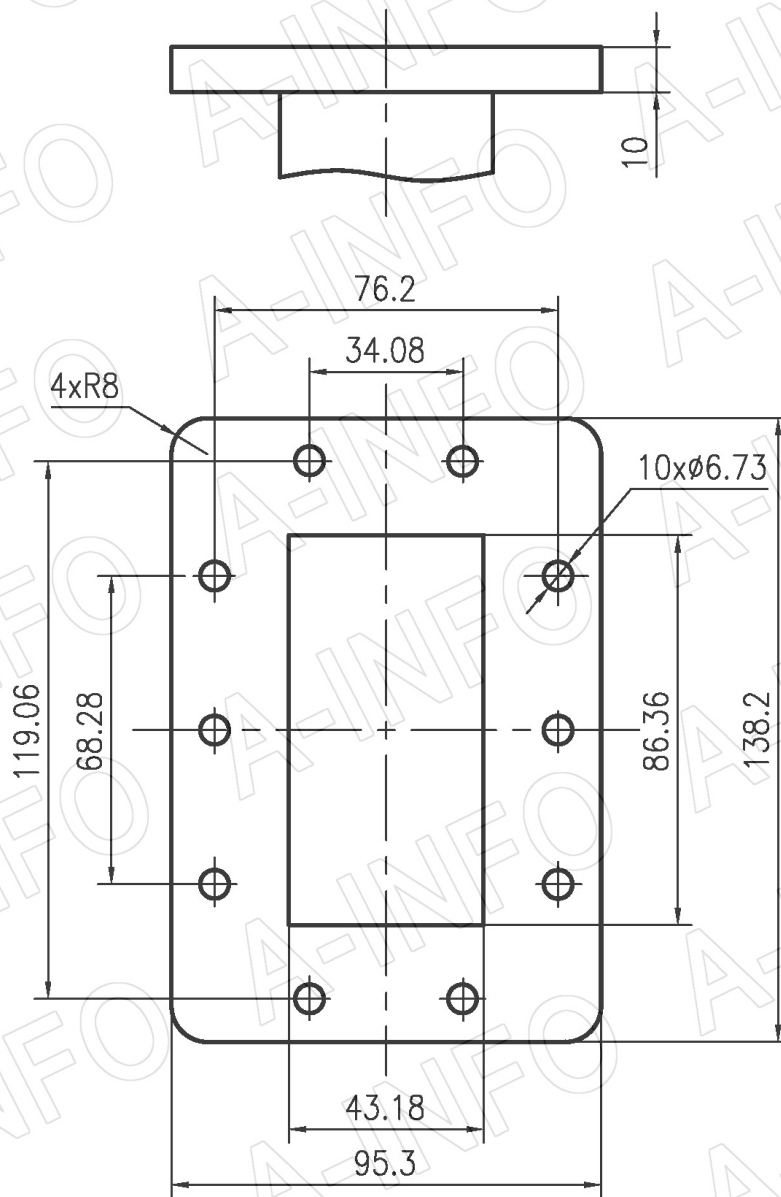


EIA WR	WR340
Frequency Range(GHz)	2.20 – 3.30
Band Width	FULL
Isolation(dB)	30 Min.
Unbalance(dB)	±0.4 Max.
Insertion Loss(dB)	0.6 Max. (Not including the theoretical loss 3.0dB)
VSWR H-Plane	1.3:1 Typ.
VSWR E-Plane	1.5:1 Typ.
Flange	FDP26(UDR26)
Material	Al
Size(mm)	209.6 x 173.8 x 180.7
Net Weight(Kg)	1.58 Around

Outline Drawing (Size: mm)



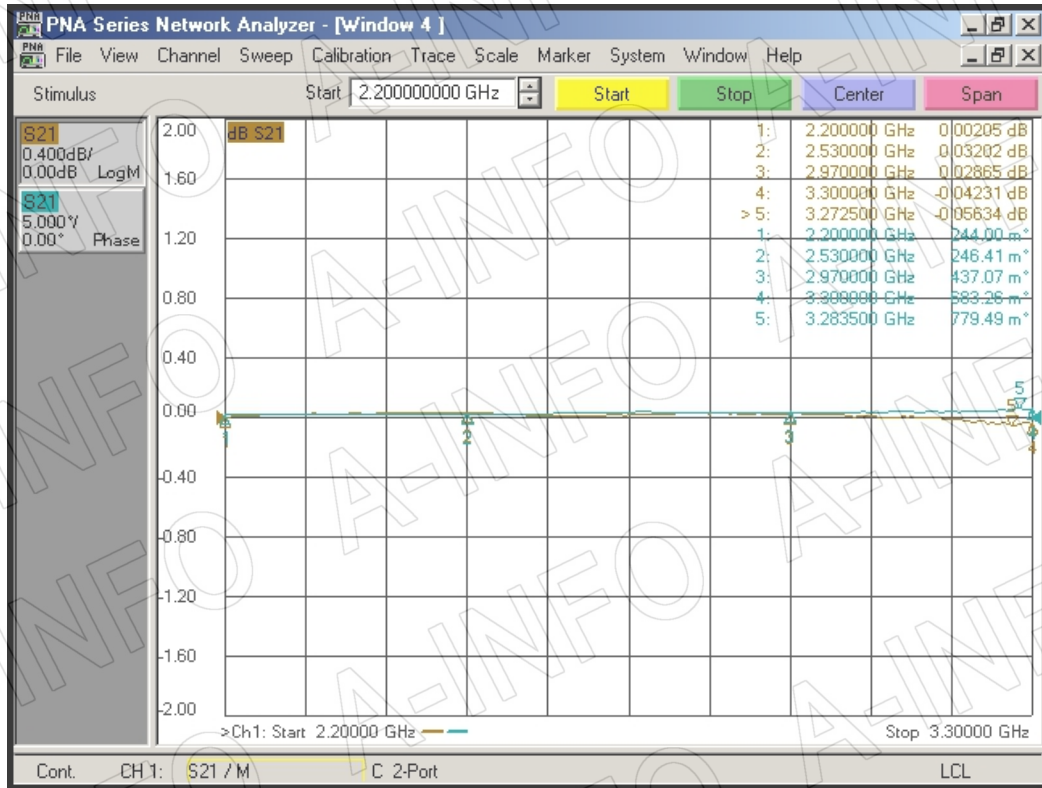
Flange Drawing (Size: mm)



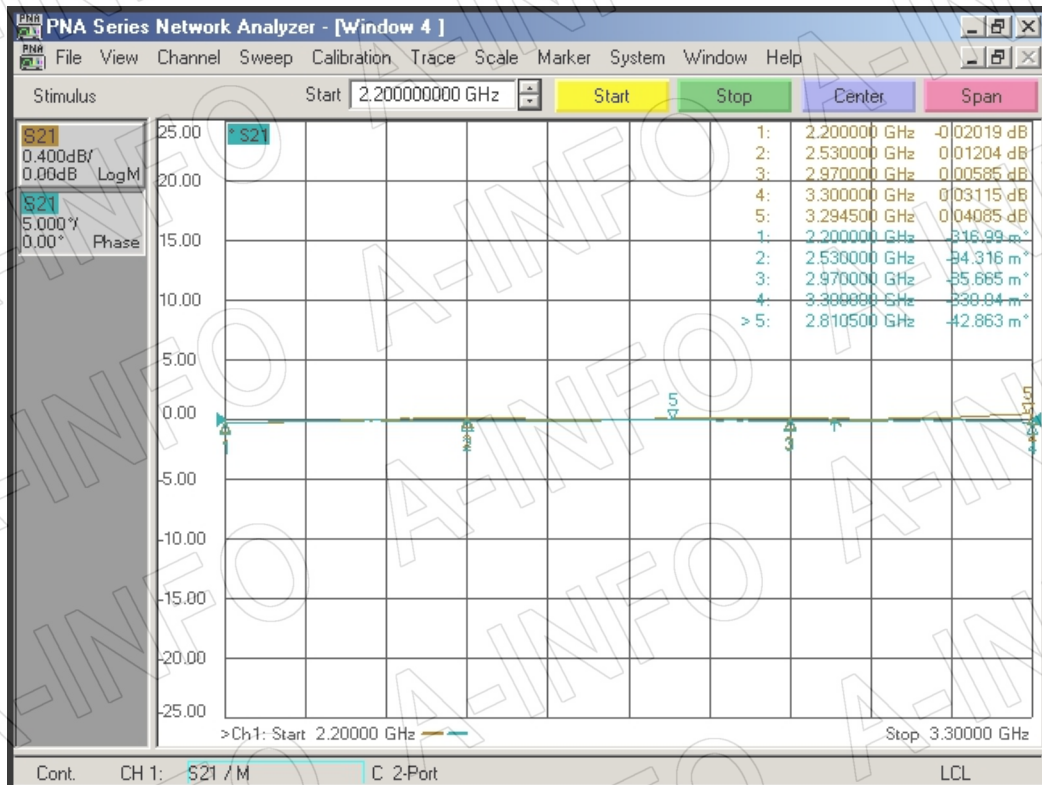
FDP26

Test Results

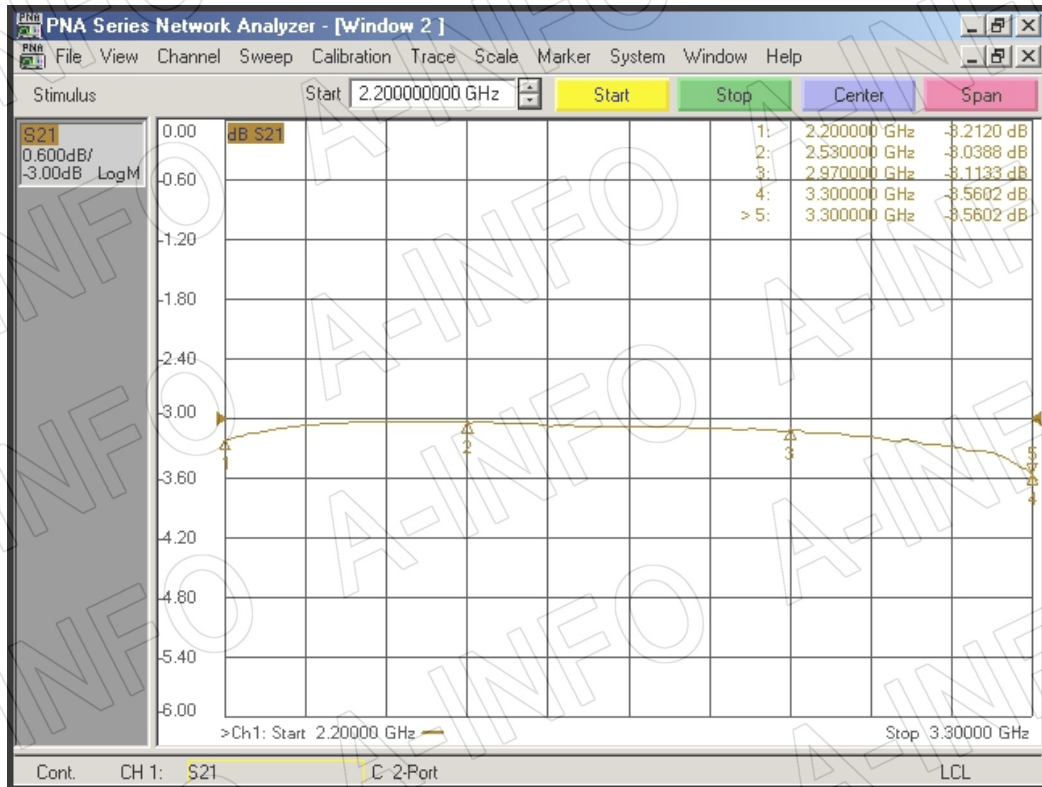
1. Unbalance E-Plane



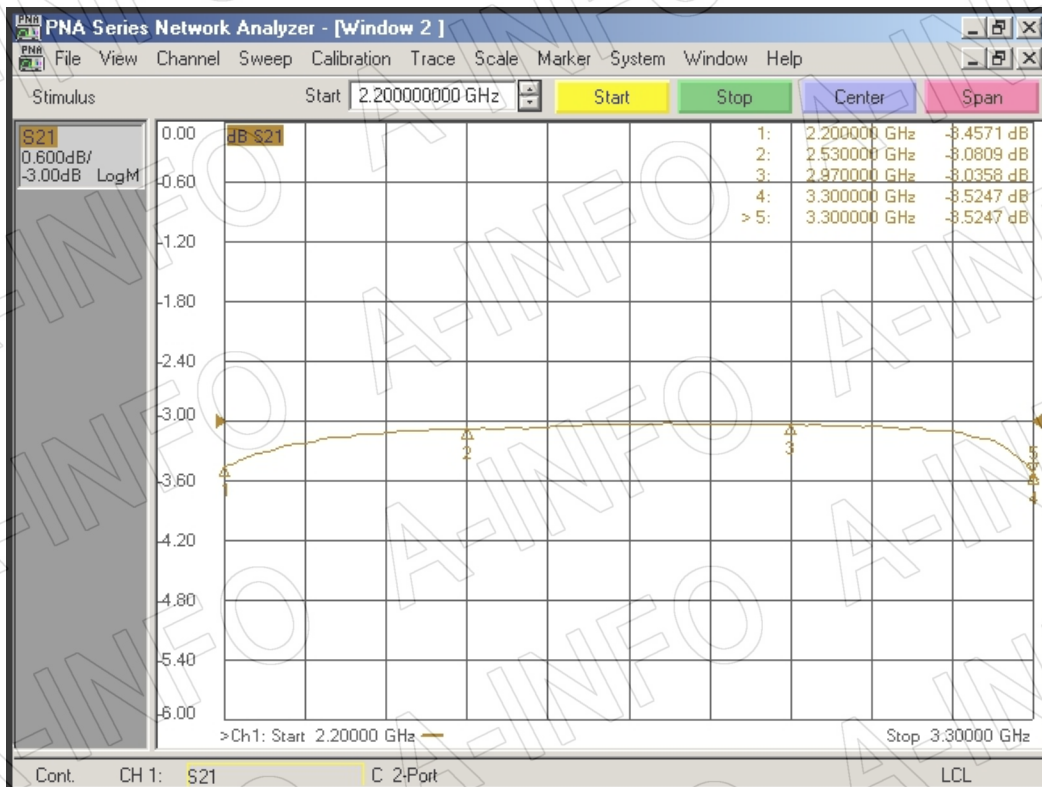
H-Plane



2. I.L. (Including the theoretical loss 3.0dB) E-Plane



H-Plane



PNA Series Network Analyzer - [Window 1]

File View Channel Sweep Calibration Trace Scale Marker System Window Help

Stimulus Start 2.200000000 GHz [Start] [Stop] [Center] [Span]

S22
0.500U/
1.00U SWR

1:	2.200000 GHz	1.5210
2:	2.530000 GHz	1.1799
3:	2.970000 GHz	1.4068
4:	3.300000 GHz	1.6670
> 5:	3.300000 GHz	1.6670

Y-axis: 1.00, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00, 4.50, 5.00, 5.50, 6.00

X-axis: >Ch1: Start 2.20000 GHz, Stop 3.30000 GHz

Cont. CH 1: S22 C-2Port LCL

The screenshot shows the PNA Series Network Analyzer software interface. The main window displays a plot of SWR (Standing Wave Ratio) versus frequency. The plot title is "S22". The y-axis is labeled "SWR" and ranges from 1.00 to 4.00. The x-axis is labeled "Frequency" and ranges from 2.20000 GHz to 3.30000 GHz. The plot shows a yellow curve representing the SWR. The curve starts at approximately 1.9 at 2.2 GHz, dips to a minimum of about 1.0 at 3.0 GHz, and rises back to about 1.8 at 3.3 GHz. Several data points are marked on the curve with labels like "1", "2", "3", "4", and "> 5". The software interface includes a menu bar (File, View, Channel, Sweep, Calibration, Trace, Scale, Marker, System, Window, Help) and a status bar at the bottom showing "Cont. CH 1: S22 C 2-Port LCL".

Marker	Frequency (GHz)	SWR
1	2.20000	1.9039
2	2.53000	1.2004
3	2.97000	1.1166
4	3.30000	1.8361
> 5	2.20000	1.9039

4. Isolation

