

Description: FPC Antenna 2.4/5.xGHz/DSRC

Series: Internal Antenna

PART NUMBER: W3334XXXXX



Features:

- Peak gain 4/5.5dBi
- VSWR 2:1
- Mounting with adhesive tape
- Ultra small flexible radiator 4.3x15.3x0.1mm
- See connector and cable options page 2

Applications:

- 2.4/5.xGHz radios
- Dualband WiFi
- Bluetooth, BLE, ZigBee
- DSRC 5.85-5.925GHz
- Routers, set top boxes
- IoT, M2M, V2x

All dimensions are in mm / inches

Issue: 1922

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Pulse Worldwide Headquarters 15255 Innovation Drive #100 San Diego, CA 92128 USA Tel:1-858-674-8100 Pulse/Larsen Antennas 18110 SE 34th St Bldg 2 Suite 250 Vancouver, WA 98683 USA Tel: 1-360-944-7551 Europe Headquarters Pulse GmbH & Do, KG Zeppelinstrasse 15 Herrenberg, Germany Tel: 49 7032 7806 0 Pulse (Suzhou) Wireless Products Co, Inc. 99 Huo Ju Road(#29 Bldg,4th Phase Suzhou New District Jiangsu Province, Suzhou 215009 PR China Tel: 86 512 6807 9998





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This document covers all product variants of the following product family:

W3334B0100	100mm 1.13mm OD cable
W3334B0127	127mm 1.13mm OD cable
W3334B0150	150mm 1.13mm OD cable
W3334B0250	250mm 1.13mm OD cable
W3334B0290	290mm 1.13mm OD cable
W3334BD0150	150mm 0.81mm OD cable

- U.FL compatible connector
- MHF4 compatible connector

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ELECTRICAL SPECIFICATIONS

Cable Length (mm)	P/N	Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)	VSWR
100		2400-2500	4+/-1dB	50	2:1
100 W3334B0100	4900-6000	5.5+/-1dB	70	2.5:1	
107		2400-2500	4+/-1dB	50	2:1
127	W3334B0127	4900-6000	5.5+/-1dB	70	2:1
150	W3334B0150	2400-2500	4+/-1dB	50	2:1
150	W3334BD0150	4900-6000	5.5+/-1dB	70	2:1
050	W0004D0050	2400-2500	4+/-1dB	50	2:1
250	W3334B0250	4900-6000	5.5+/-1dB	70	2:1
000		2400-2500	4+/-1dB	50	2:1
290	W3334B0290	4900-6000	5.5+/-1dB	70	2:1

Typical free space performance measured on 1mm thick PC plate

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	MECHANICAL SPECIFICATION	IS
FPC size	14.3 X 5.3 X0.1[0.56 X 0.21 X 0.004]	mm[inch]
Connector type		See Page 2.
Cable type		See Page 2
Cable length		Optional
Cable color		Black
Adhesive		3M467

ENVIRONMENTAL SPECIFICATIONS

Operating temperature

-40/+85 ° C

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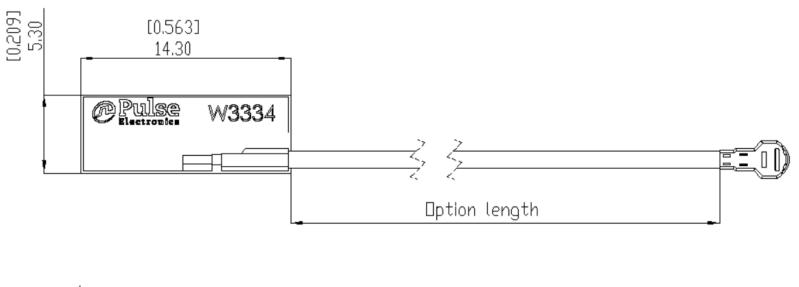


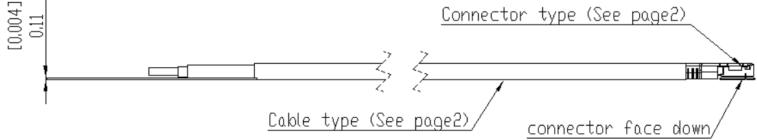
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MECHANICAL DRAWING





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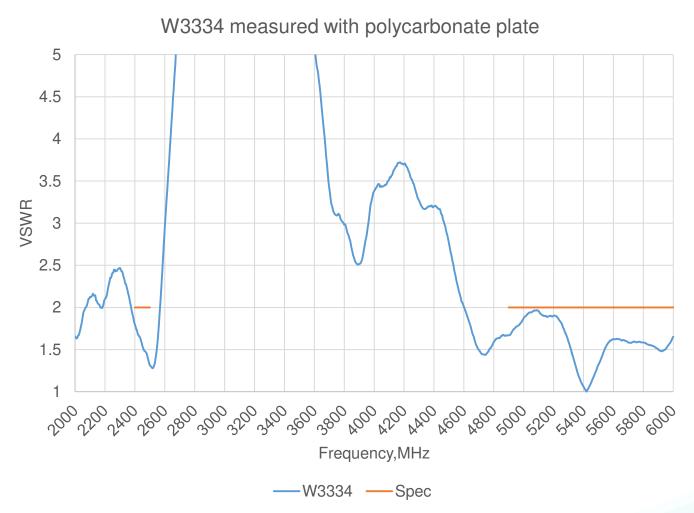
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CHARTS

VSWR



Note: Antenna tested on 1mm thickness PC plate with 150mm feed cable

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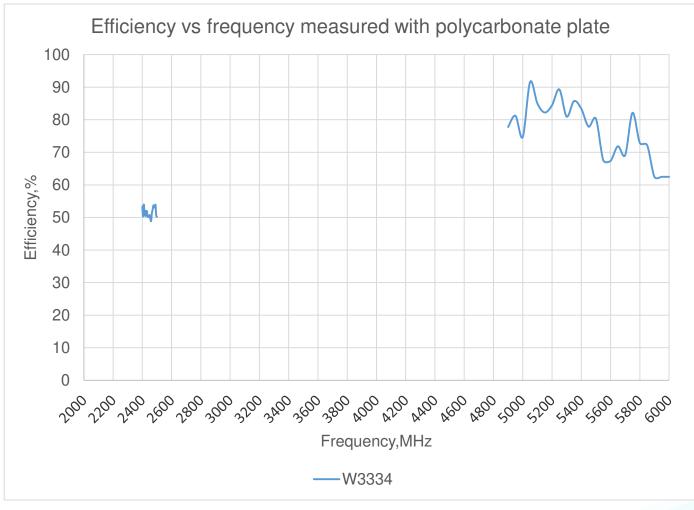
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CHARTS

Efficiency



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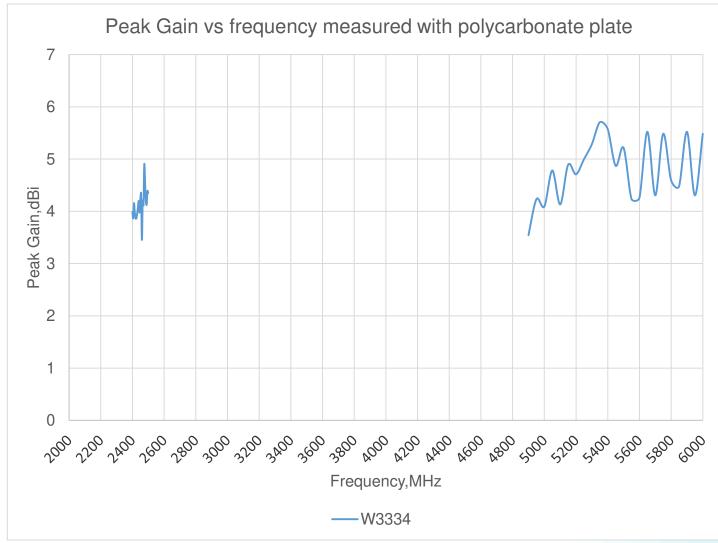
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CHARTS

Peak Gain



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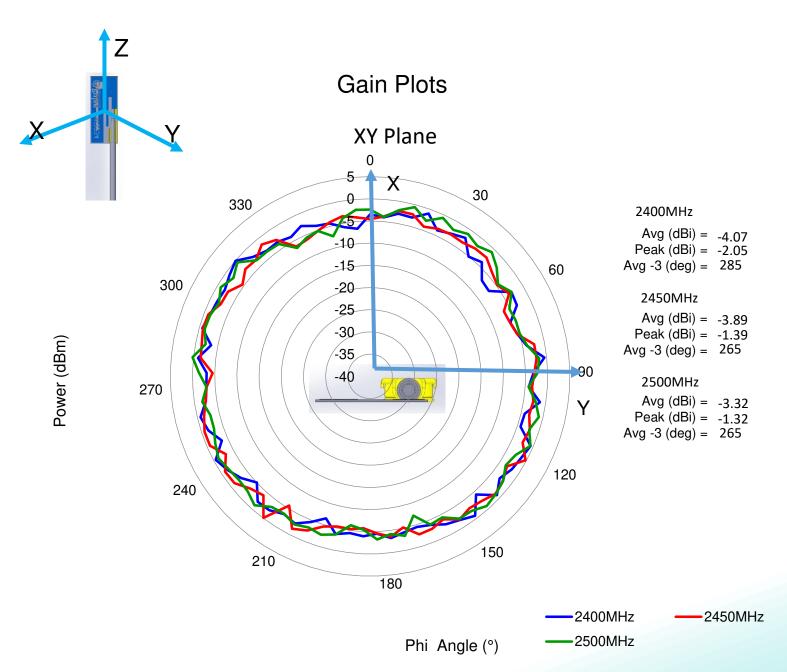


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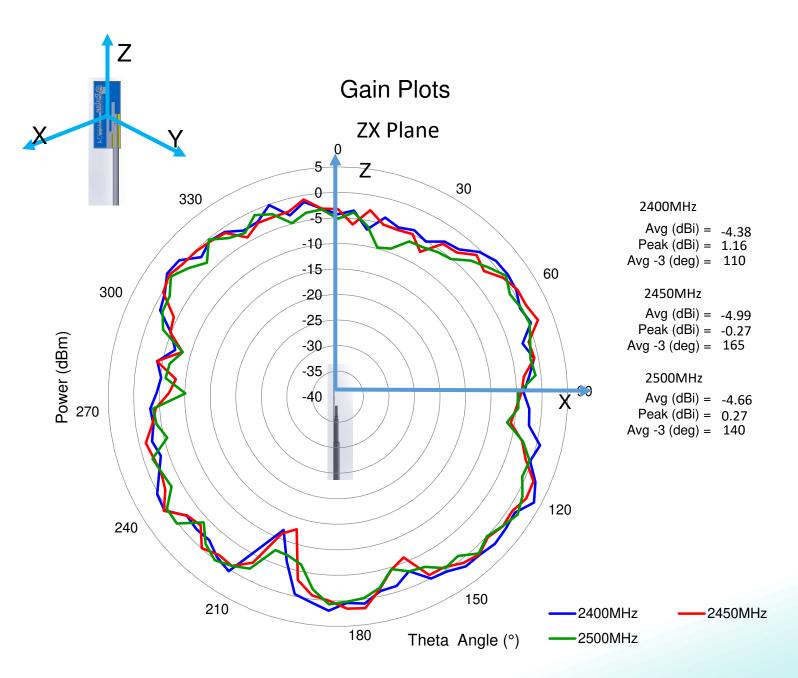


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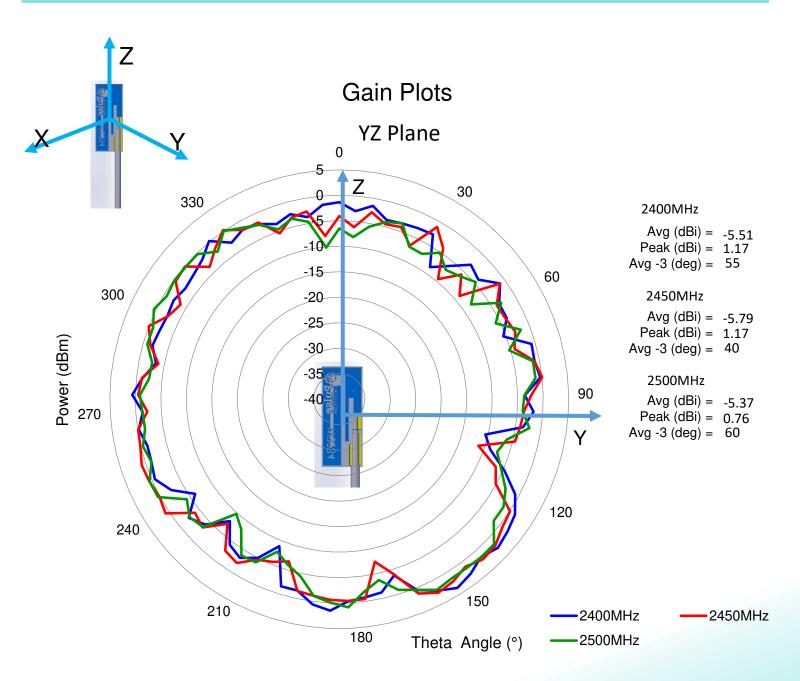


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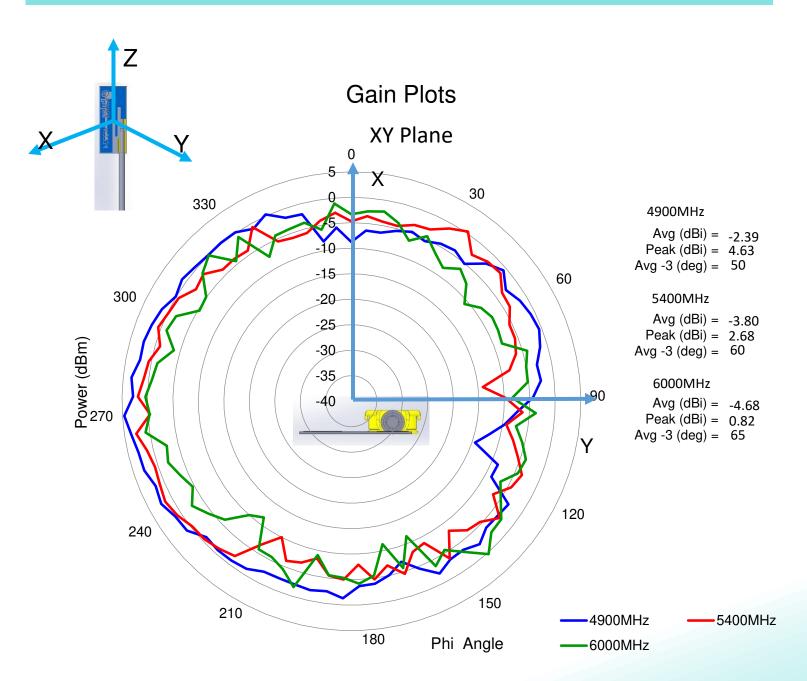


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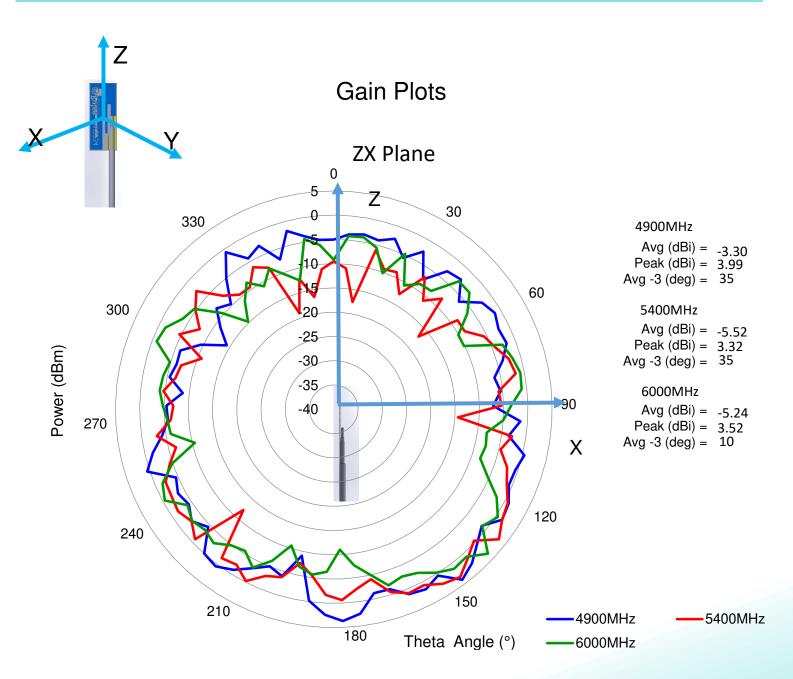


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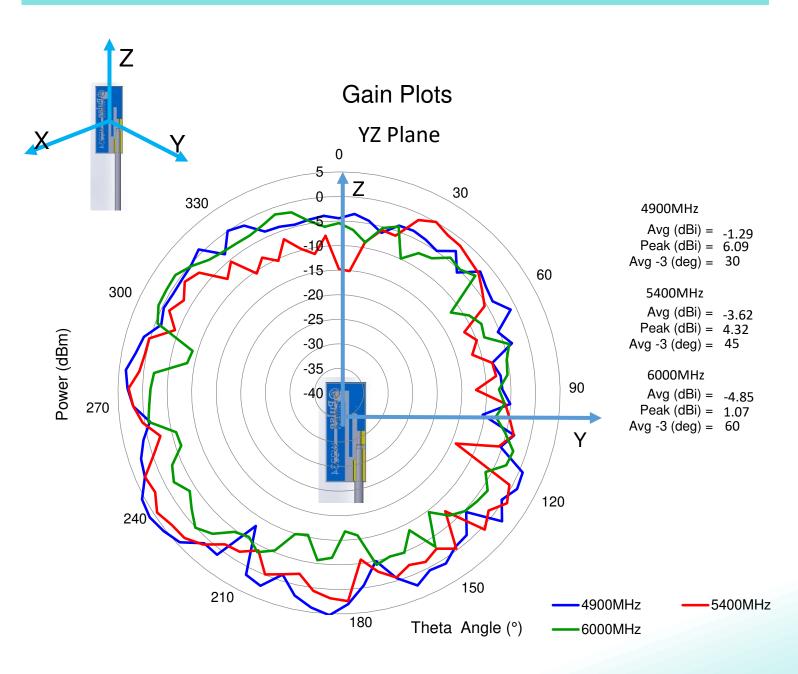


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PACKAGING

10PCS/PE bag 10 PE bag/foam bag 12 foam bag/ carton box

Total 1200PCS/Carton box





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