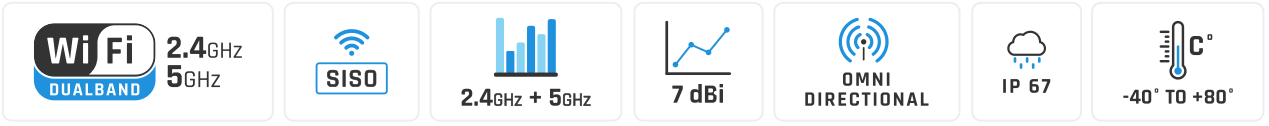
QuOmni 7V-1

QuOmni 7V-1 offers a 360 degrees, 6dBi (2.4GHz) & 7dBi (5GHz) gain signal. It is a perfect indoor and outdoor device for industrial installations.

QuOmni 7V-1Nm is a concurrent dual band, Vertical polarity, omni antenna. It simultaneously operates at 2.4GHz with 6dBi gain and 5GHz with 7dBi gain. This antenna is predicted to be installed as the hotspot in parks, stadiums, warehouses, production halls, malls, lecture halls or another public places. Its aesthetic design is acceptable in most of the visible places. Wide frequency range (2.4-2.5GHz & 5.0-6.0GHz) helps to find suitable frequency for the most effective operation. The antenna comes with built-in Nm connector.



WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5 - 6 GHz
GAIN	2.4 - 2.5 GHz: 6dBi 5 - 6 GHz: 7dBi
VSWR	< 1.70, max < 2.00
BEAMWIDTH	360°/25°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
MAX INPUT POWER	50W
DC GROUND	No

MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR	1xNm
OUTER DIMENSIONS	ø3.0 x 22.0 cm ø1.18 x 8.66 inch
WEIGHT	0.2 kg
OPERATING TEMPERATURE	-40°C to +80°C -40°F to 176°F

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

MOUNTING KIT

MOUNTING PLACE	Single Nm connector

COMPATIBLE ROUTERS

VARIANT: 07V.1NM

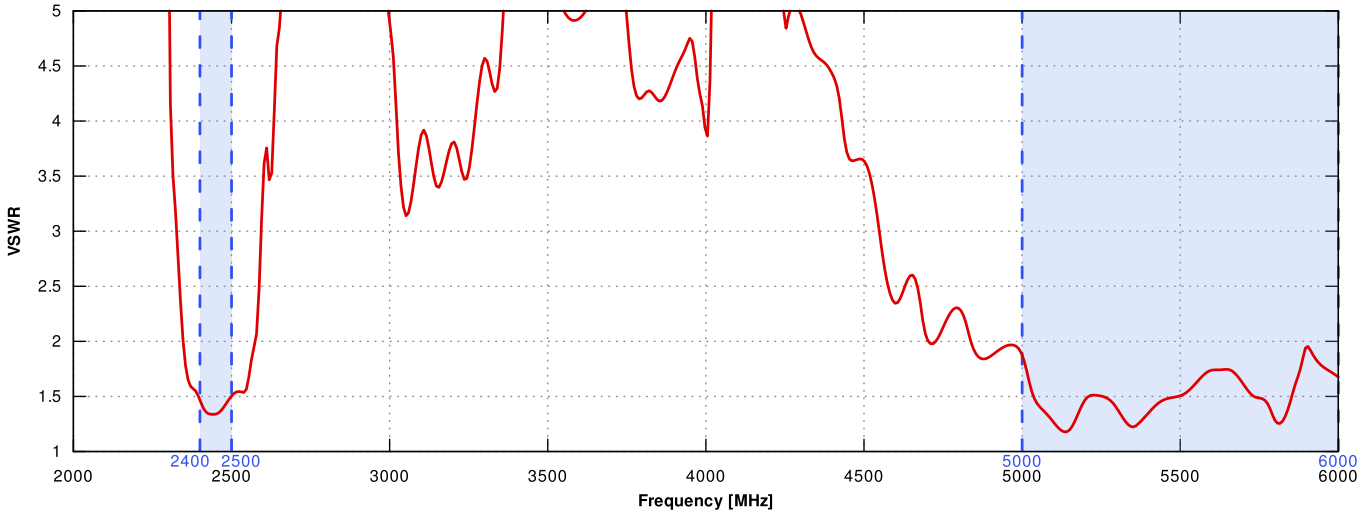
ACKSYS	RailTrack, RuggedAir100
ADTRAN	Bluesocket 1940
AEROHIVE NETWORKS	AP1130
ALCATEL-LUCENT	Stellar AP1362
ARISTA	O-105E, O-235E
ARUBA	AP-274, IAP-274
CISCO	AIR-AP1562E, AIR-AP1572EAC, AIR-AP1572EC, AIR-CAP1532E, AIR-CAP1552EU, AIR-CAP1552H, AIR-CAP1552WU, Catalyst 9124AXE, IW3702-2E, IW3702-4E, IW6300, IW9167E, MR74, MR76, MR84, MR86
D-LINK	DWL-8710AP
ENGENIUS	EWS860AP, EWS871AP
EXTREME NETWORKS	AP 360E, AP 3865E, AP 3917, AP 3965E, AP 7562, AP 8163
FORTINET	FAP-222C, FAP-S322C, FAP-S322CR, FAP-S422E, FAP-U422EV, OAP832E
HUAWEI	AP6510DN-AGN, AP6610DN-AGN, AP6760R-51E, AP8130DN, AP8130DN-W, AP8150DN, AP8182DN, AP8760R-X1E
MIST	AP63E

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

RUCKUS	T350SE, T750SE
SIEMENS	6GK5748-1GD00-0AB0, 6GK5766-1GE00-7DB0, 6GK5788-1GY01-0AA0, 6GK5788-2GY01-0AA0, 6GK5748-1GD00-0AA0, 6GK5748-1GY01-0AA0, 6GK5766-1GE00-3DA0, 6GK5766-1GE00-3DB0, 6GK5766-1GE00-7DA0, 6GK5766-1GE00-7TA0, 6GK5766-1GE00-7TB0, 6GK5788-1GD00-0AA0, 6GK5788-1GD00-0AB0, 6GK5788-2GD00-0AA0, 6GK5788-2GD00-0AB0, 6GK5788-2GD00-0TA0, 6GK5788-2GD00-0TB0, 6GK5788-2GY01-0TA0, Scalance W738 M12, Scalance W778-1 M12, Scalance W778-1 M12 EEC
XIRRUS	XH2-120, XH2-240
ZYXEL	WAX655E (AX5400)
OTHER	2 * N-male, 3 * N-male, 4 * N-male

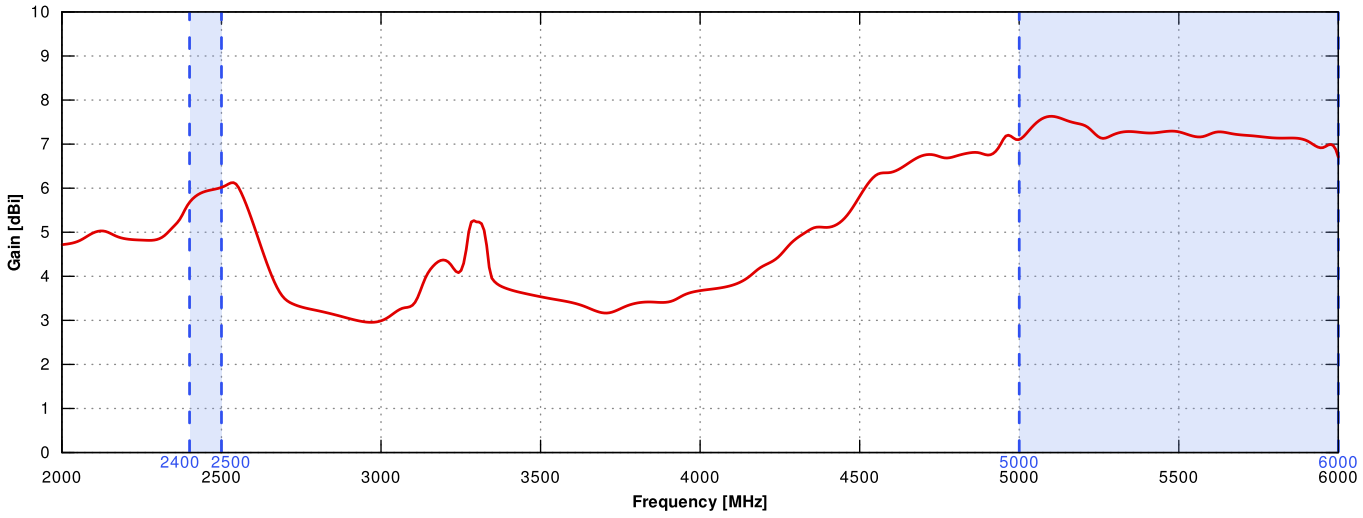
PLOTS

VSWR



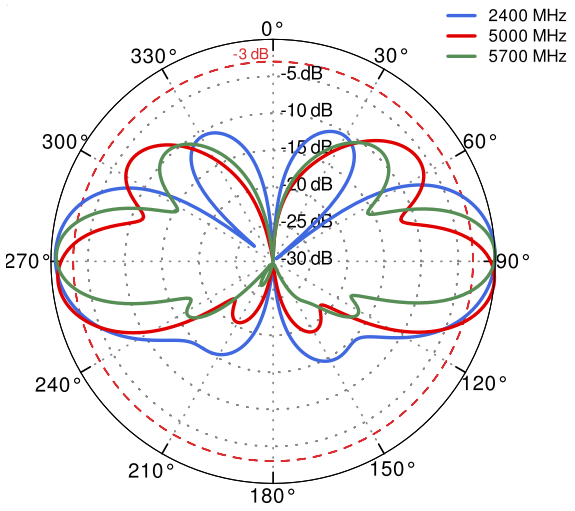
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

GAIN

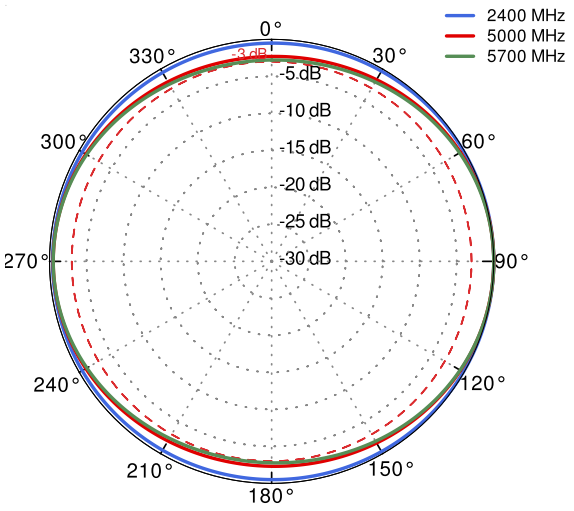


2.4GHz and 5GHz

ELEVATION

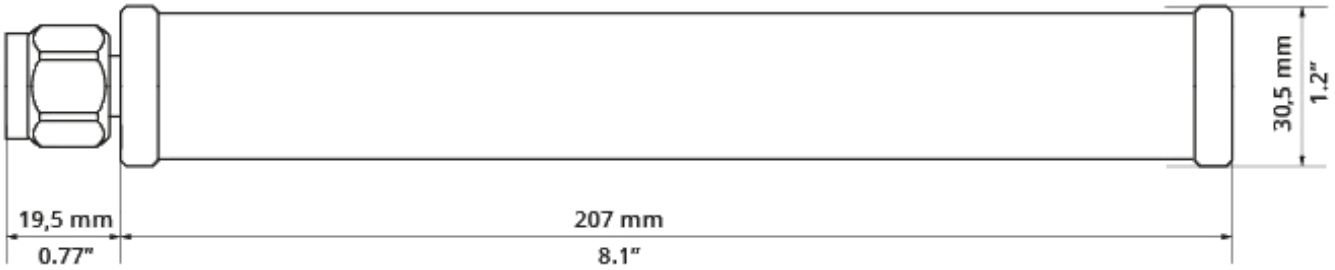


AZIMUTH



Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

DIMENSIONS



QuWireless
WWW.QUWIRELESS.COM
Sales email: sales@quwireless.com **Tel:** +48 513 900 416
Support email: support@quwireless.com **Website:** www.quwireless.com
Address: Wireless Instruments Sp. z o.o., ul. Kościuszki 27, 52-116 Iwiny, Poland

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.