

KVY-2P4D2-CLD

OMNIDIRECTIONAL



VERSION: 1.1

DATE: 23.10.2022

KUVAYI TECHNOLOGIES CO.

PROPERTIES

ELECTRICAL 	
Model	KVY-2P4D2-CLD-X
Frequency	2.45 GHz
Pattern Type	Omni Directional
Polarization	Vertical
Impedance	50 Ω
Gain	2 dBi
VSWR	< 2:1
Bandwidth	2360 MHz - 2570 MHz (~200 MHz)
Maximum Input Power	50 W

MECHANICAL 	
Connector Type	N (male) / Customizable
Antenna Colour	Black / Customizable
Length	-
Diameter	10mm - 20 mm
Weight	-

ENVIRONMENT CONDITION 	
Temperature Range	-30° to +60°C
IP Protection Class	IP65



Model No:
KVY-2P4D2-CLD-FLK



Model No:
KVY-2P4D2-CLD-BS



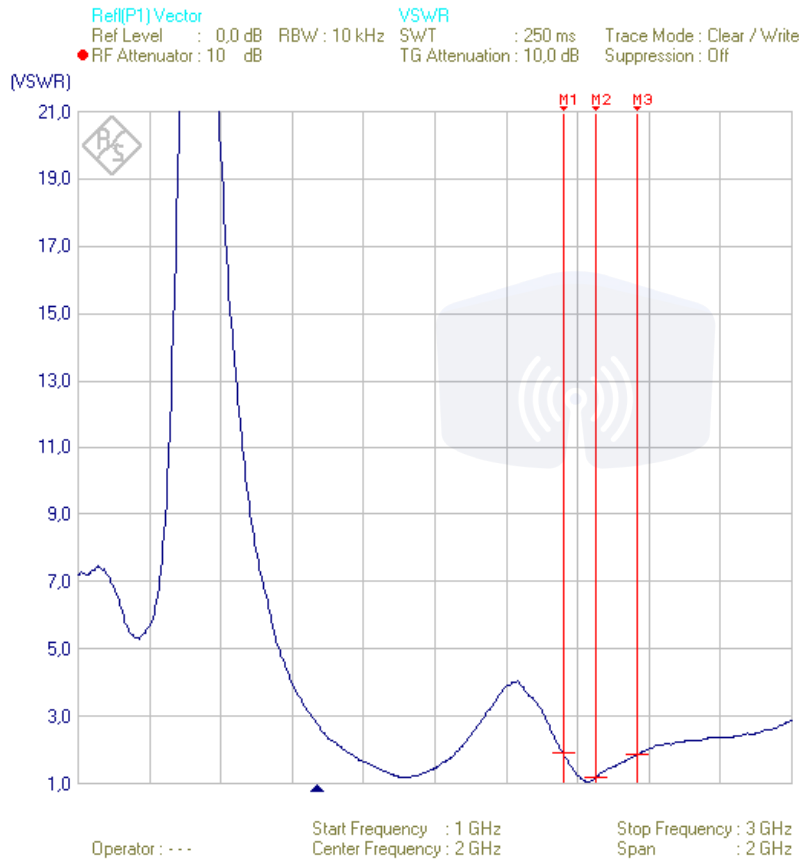
Model No:
KVY-2P4D2-CLD-SS



Model No:
KVY-2P4D2-CLD-FBR

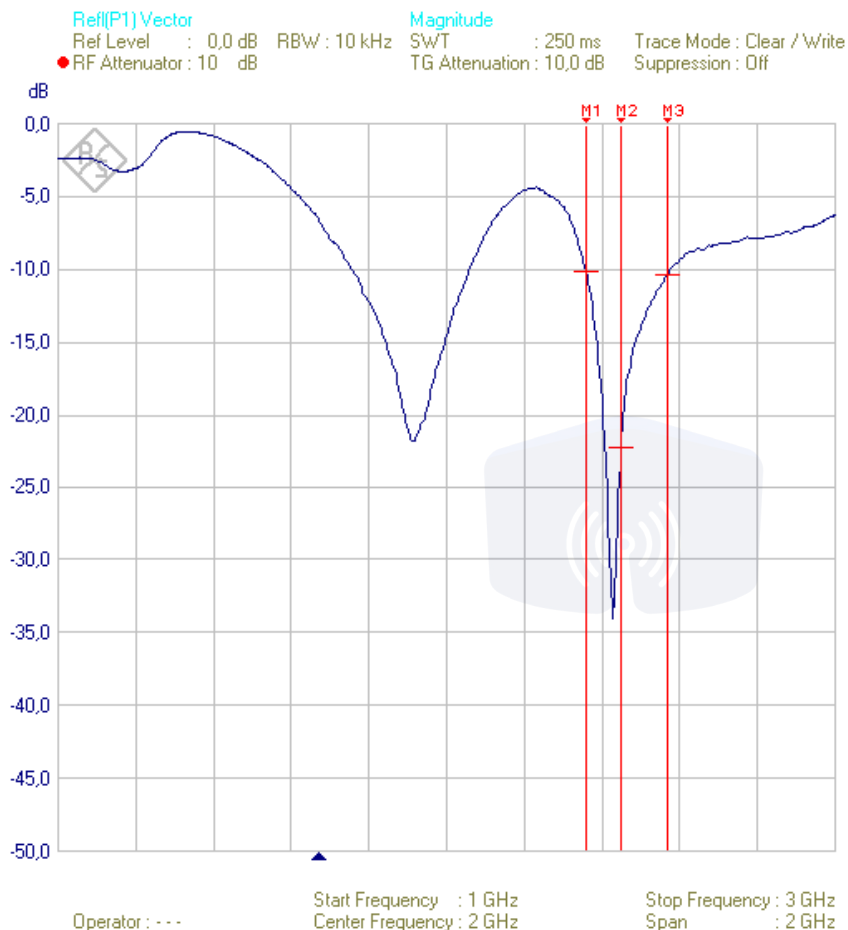
Model No:	Kazanç 2 dbi Boy	Kazanç 4 dbi Boy	Kazanç 6 dbi Boy	Kazanç 8 dbi Boy
KVY-2P4D2-CLD				
KVY-2P4D2-CLD-FBR	100 mm	200 mm	290 mm	370 mm
KVY-2P4D2-CLD-FLK	180 mm	280 mm	360 mm	430 mm
KVY-2P4D2-CLD-BS	150 mm	250 mm	340 mm	425 mm
KVY-2P4D2-CLD-SS	160 mm	260 mm	350 mm	430 mm

VSWR



Measurement Setup	
Name	Sweep (T1)
Date	16 / 11 / 2024
Time	12:01:46
Instrument	FSH8 - 106415/028
Firmware Version	V2.50
Instrument Mode	Network Analyzer
Meas Mode	Vector
Bridge Mode	S11
Format	VSWR
Calibration State	Factory Cal
Aperture Steps	---
Uplink	---
Downlink	---
Channel	---
Center Frequency	2 GHz
Frequency Offset	0 Hz
Span	2 GHz
Ref Level	0.0 dB
Ref Offset	0.0 dB
Range	21
RF Attenuation	Manual
RF Attenuator	10 dB
Preamplifier	Off
RF Input	50 Ohm
TG Attenuation	10.0 dB
TG Power	-10.0 dBm
TG Offset	0.0 dB
RBW	10 kHz
SWT	250 ms
Trigger Mode	Free Run
Trigger Level	---
Trigger Delay	---
Trace Mode	Clear / Write
Trace Math	Off
Trace Detector	Sample
Limit Line 1	---
Limit Line 2	---
Markers	
M1	2.3587301587 GHz : 1.898
M2	2.45 GHz : 1.167
M3	2.5683760684 GHz : 1.872

REFLECTION



Measurement Setup

Name	: Sweep (T1)
Date	: 16 / 11 / 2024
Time	: 12:01:46
Instrument	: FSH8 - 106415/028
Firmware Version	: V2.50
Instrument Mode	: Network Analyzer
Meas Mode	: Vector
Bridge Mode	: S11
Format	: Magnitude
Calibration State	: Factory Cal
Aperture Steps	: ---
Uplink	: ---
Downlink	: ---
Channel	: ---
Center Frequency	: 2 GHz
Frequency Offset	: 0 Hz
Span	: 2 GHz
Ref Level	: 0,0 dB
Ref Offset	: 0,0 dB
Range	: 50 dB
RF Attenuation	: Manual
RF Attenuator	: 10 dB
Preamplifier	: Off
RF Input	: 50 Ohm
TG Attenuation	: 10,0 dB
TG Power	: -10,0 dBm
TG Offset	: 0,0 dB
RBW	: 10 kHz
SWT	: 250 ms
Trigger Mode	: Free Run
Trigger Level	: ---
Trigger Delay	: ---
Trace Mode	: Clear / Write
Trace Math	: Off
Trace Detector	: Sample
Limit Line 1	: ---
Limit Line 2	: ---

Markers

M1	: 2,3587301587 GHz	: -10,18 dB
M2	: 2,45 GHz	: -22,28 dB
M3	: 2,5683760684 GHz	: -10,36 dB

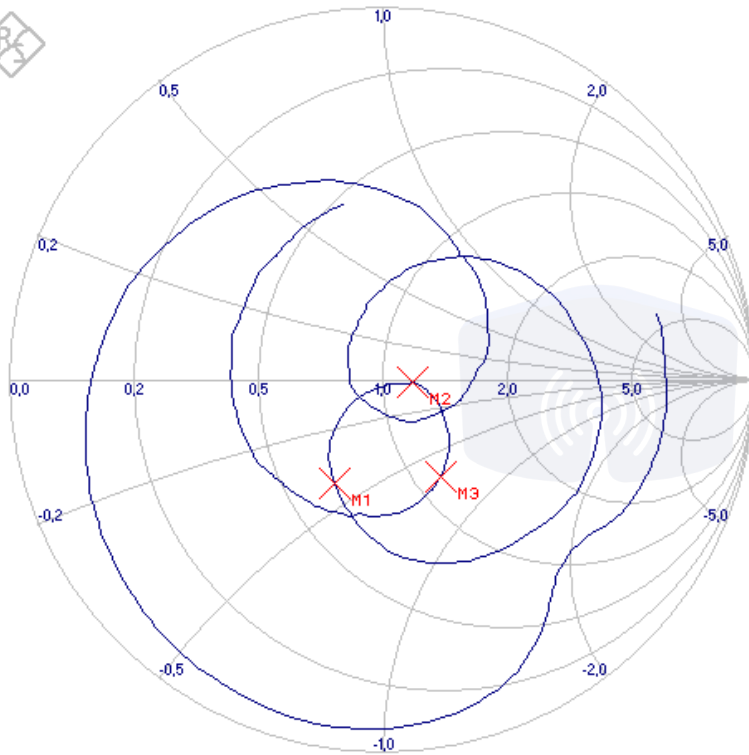
INPUT IMPEDANCE

Ref([P1]) Vector
Ref Level : 0,0 dB
RF Attenuator : 10 dB

RBW : 10 kHz

Smith Chart
Swt : 250 ms
TG Attenuation : 10,0 dB

Trace Mode : Clear / Write
Suppression : Off



Measurement Setup		
Name	Sweep (T1)	
Date	16 / 11 / 2024	
Time	12:01:46	
Instrument	FSH8 - 106415/028	
Firmware Version	V2.50	
Instrument Mode	Network Analyzer	
Meas Mode	Vector	
Bridge Mode	S11	
Format	Smith Chart	
Calibration State	Factory Cal	
Aperture Steps	---	
Uplink	---	
Downlink	---	
Channel	---	
Center Frequency	2	GHz
Frequency Offset	0	Hz
Span	2	GHz
Ref Level	0,0	dB
Ref Offset	0,0	dB
Range	50	dB
RF Attenuation	Manual	
RF Attenuator	10	dB
Preamplifier	Off	
RF Input	50 Ohm	
TG Attenuation	10,0	dB
TG Power	-10,0	dBm
TG Offset	0,0	dB
RBW	10	kHz
Swt	250	ms
Trigger Mode	Free Run	
Trigger Level	---	
Trigger Delay	---	
Trace Mode	Clear / Write	
Trace Math	Off	
Trace Detector	Sample	
Limit Line 1	---	
Limit Line 2	---	

Markers		
M1	2,3587301587 GHz	33,3 Ohm - j20,7 Ohm
M2	2,45 GHz	58,2 Ohm - j1,22 Ohm
M3	2,5683760684 GHz	58,2 Ohm - j33,4 Ohm

Operator : ---

Start Frequency : 1 GHz
Center Frequency : 2 GHz

Stop Frequency : 3 GHz
Span : 2 GHz

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Order Details

Order Link:

<http://www.kuvayitechnologies.com/>

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