

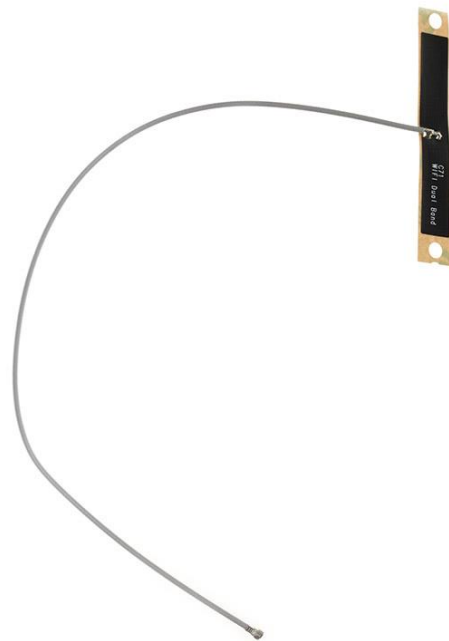


## WI-FI ANTENNA

Antenna WLAN, internal, FPC series 42x7x0.15, Flexi, 2.4/5 GHz, IPEX 1.13OD/200mm

AW-A2458G-FPC71I200

SECTRON company offers a wide portfolio of WIFI antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.

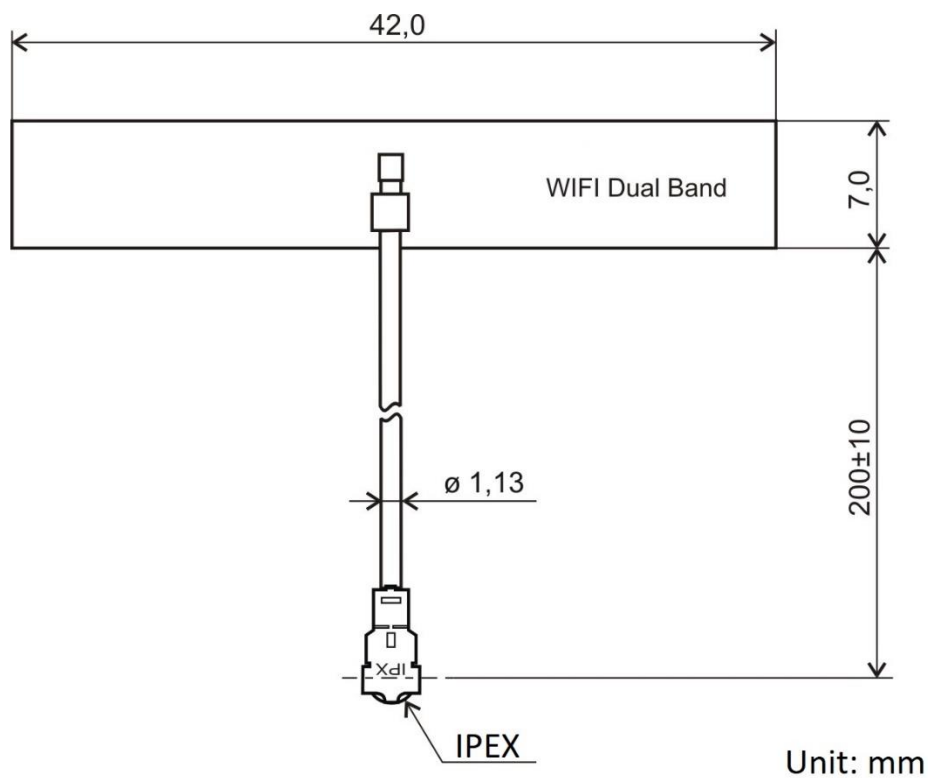


### BENEFITS

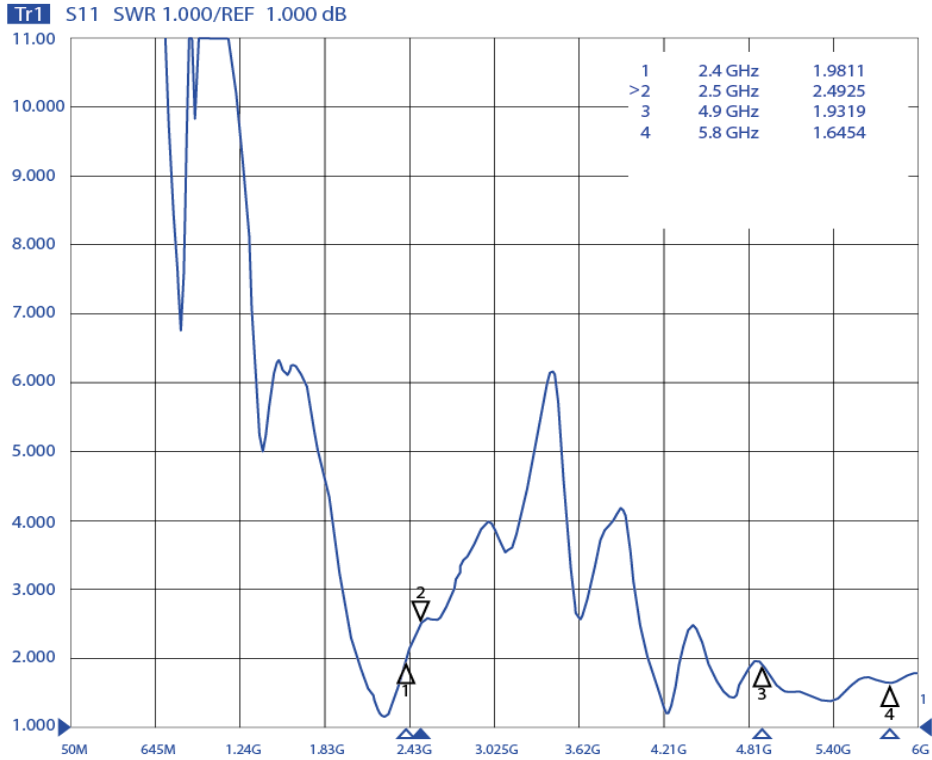
- Easy installation
- Flexible

Technology	WLAN
Frequency bands	2.4/5 GHz
Bandwidth	-
Gain	2/3 dBi
VSWR	<2.2:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	-
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	42 x 7 mm
Weight	0.75 g
Operating temperature	-30 to +90 °C
Execution	Internal
Method of attachment	Adhesive
Cable type	Hirose 068
The cable length	0.2 m
Connector type	IPEX

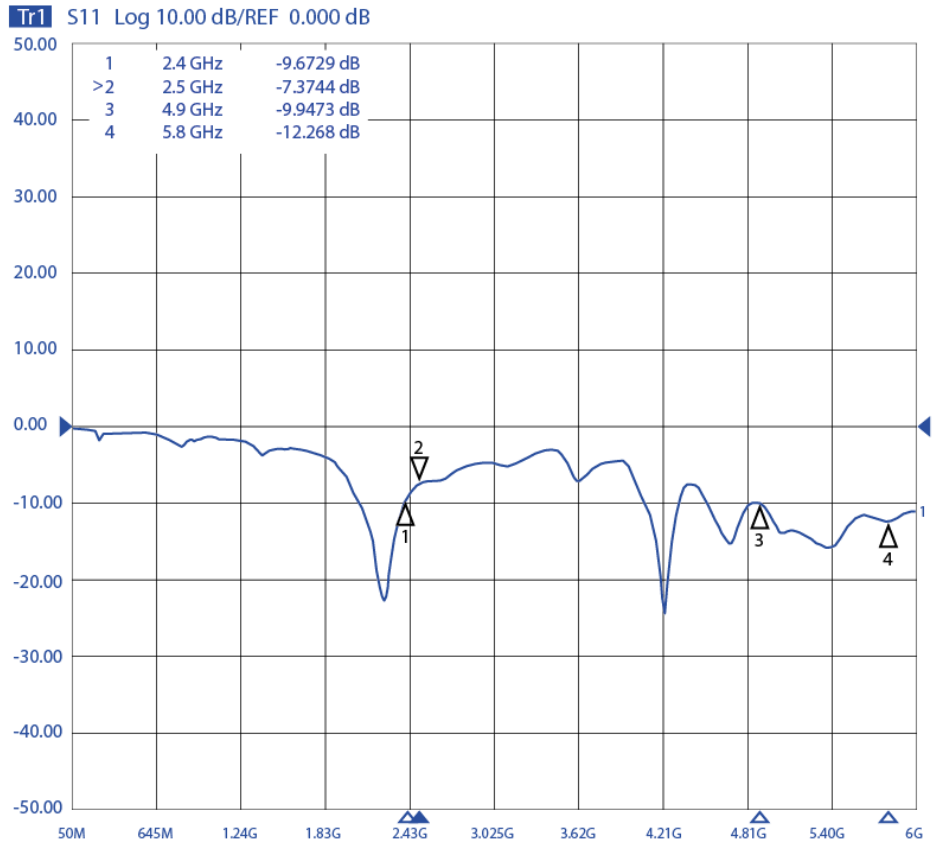
## DRAWING



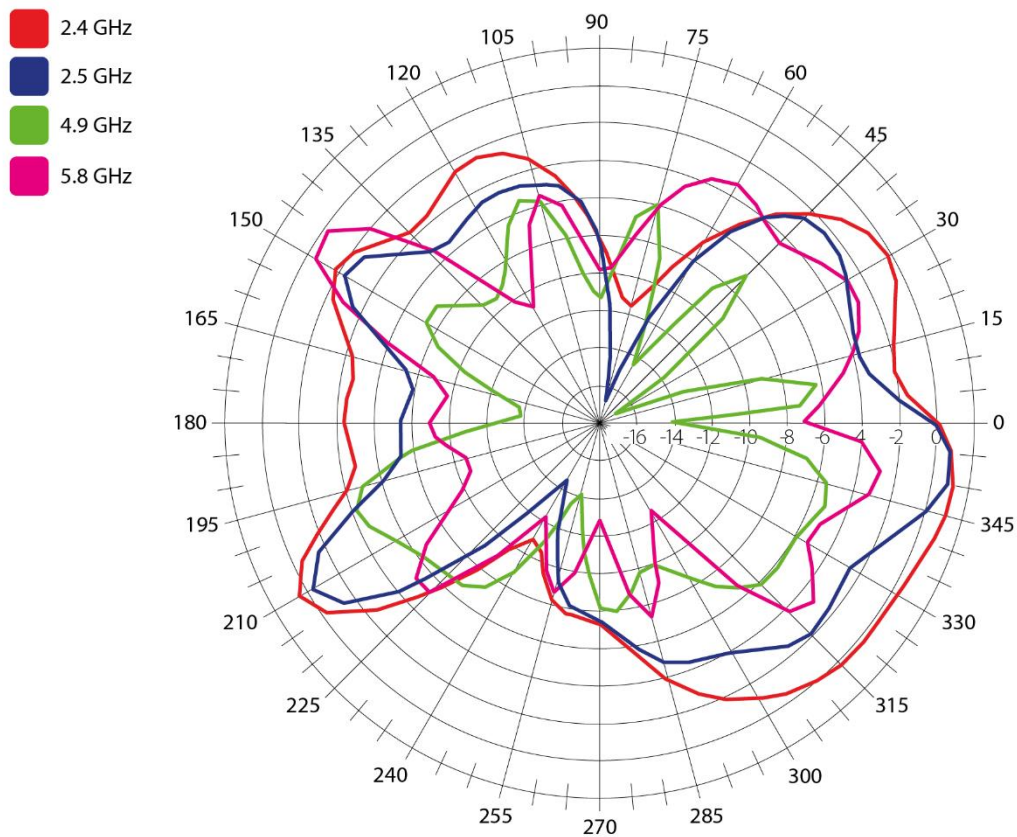
### VSWR – Voltage standing wave ratio [50 Ω]



### S11 – Return loss [dB]



## 2D - Radiation pattern & Gain measurement



### SUMMARY

Frequency [MHz]	Return Loss [dB]	VSWR [50 Ω]	Efficiency [%]	GAIN [dBi]
2400	-9.67	1.98	76.91	2.95
2500	-7.37	2.49	56.75	2.74
4900	-9.94	1.93	20.61	-4.33
5800	-12.26	1.64	57.94	-0.22

### ALL VARIANTS

Different connector variants or cable lengths are available on request.

## CONTACTS

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