



## WIFI ANTENNA

Antenna WiFi Internal FLEX 71,  
2.4/5 GHz, U.FL(f) RA, 1.37mm  
Coaxial Cable/110mm

AW-A2458G-FPC71U110

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

- Directional
- Flexible

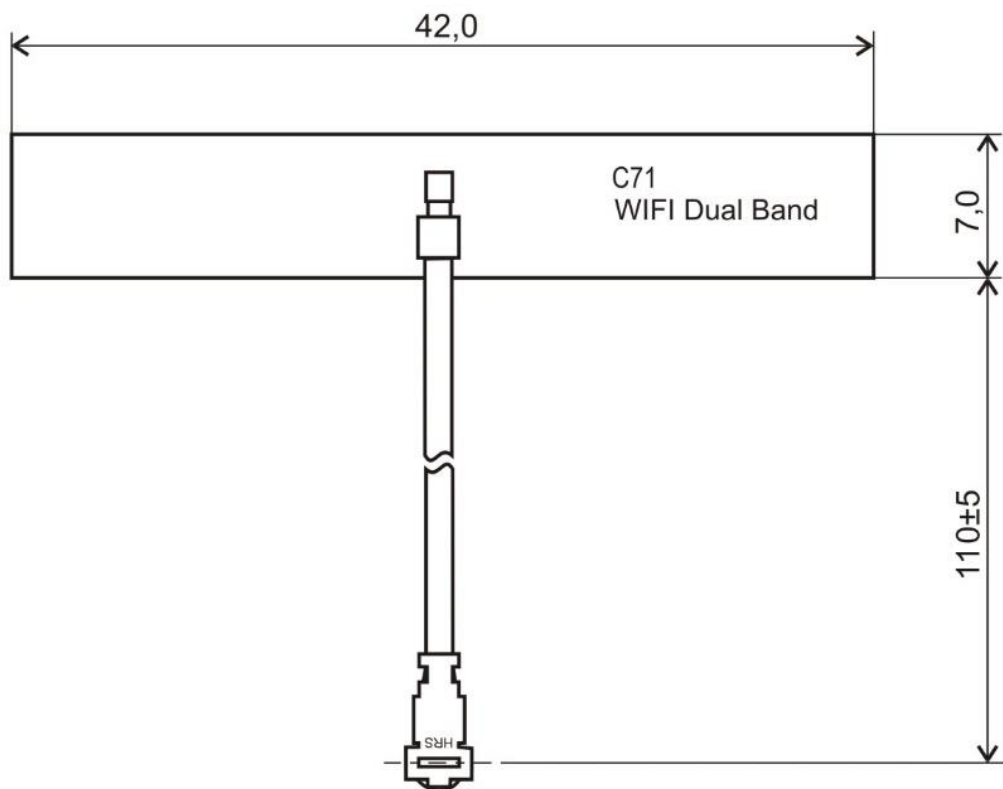


## FEATURES

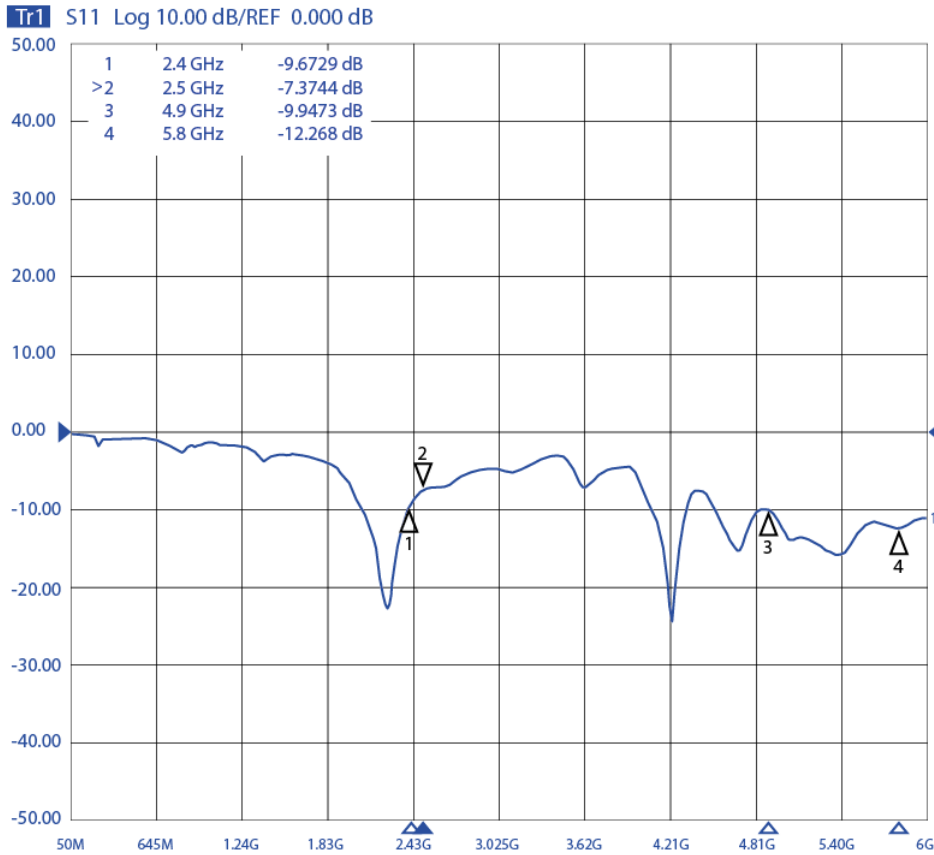
AW-A2458G-FPC71U110

Technology	WIFI
Frequency bands	2.4/5 GHz
Bandwidth	-
Gain	3 dBi
VSWR	<2.5:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	Via attached graphs below
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	42 x 7 x 0.15 mm
Weight	0.61 g
Operating temperature	-30 to +90 °C
Execution	Internal
Method of attachment	Adhesive
Cable type	RF 1.37
The cable length	110 mm
Connector type	U.FL(f) RA

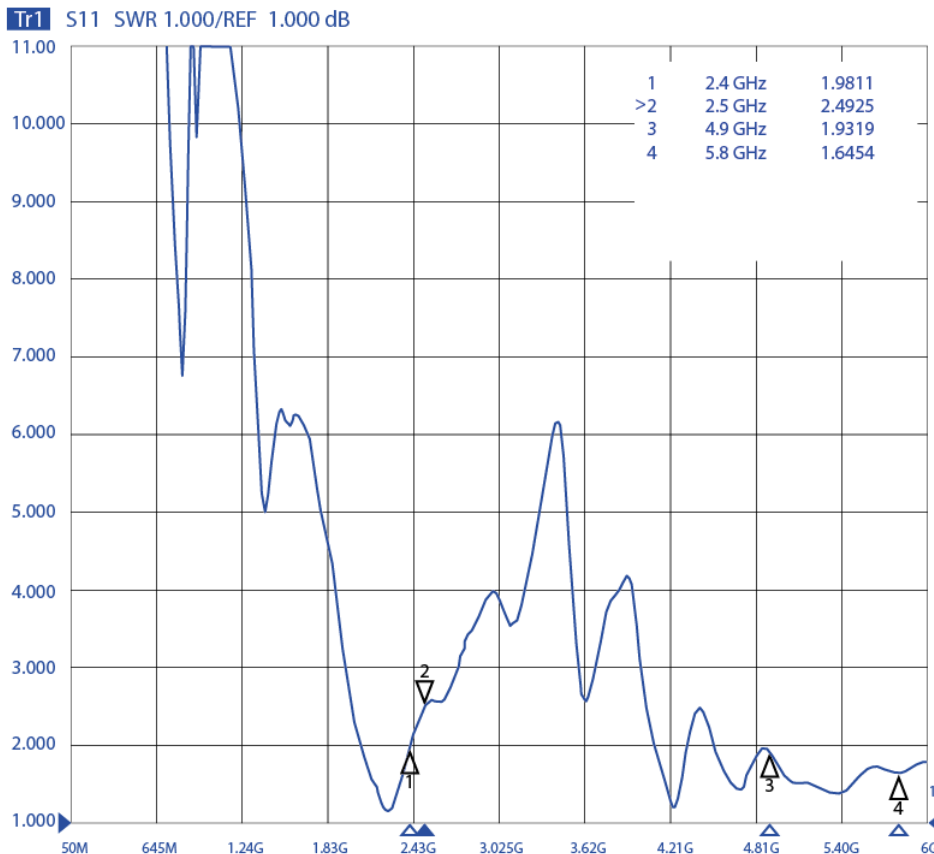
## DRAWING



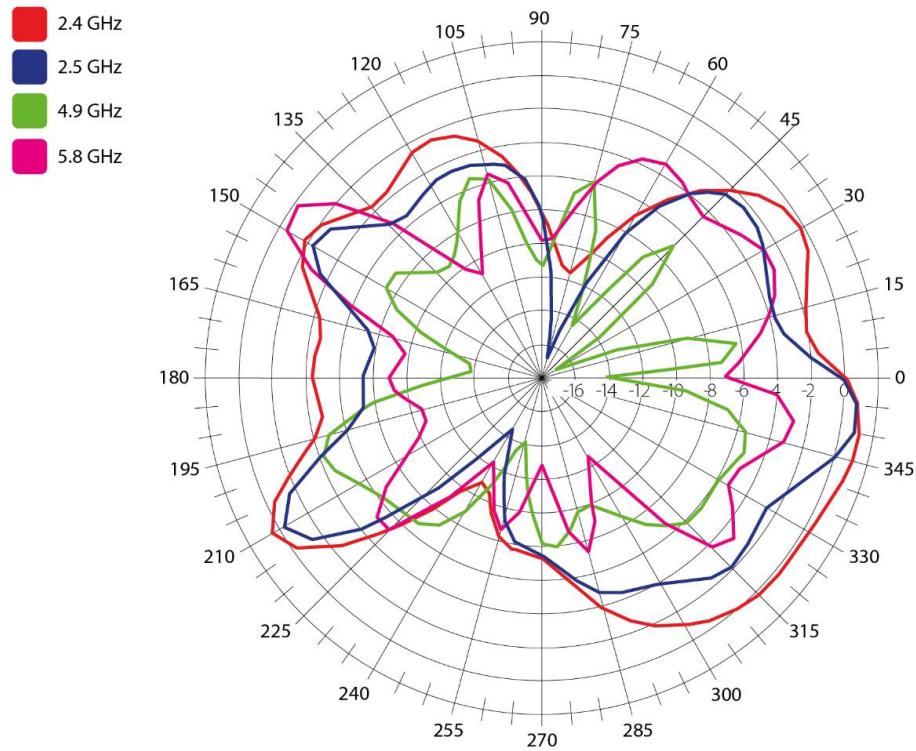
$S_{11}$  - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



## 2D RADIATION PATTERN



## SUMMARY

AW-A2458G-FPC71U110

Frequency [MHz]	$S_{11}$ [dB]	VSWR [-]	Gain [dBi]	Efficiency [%]
2400	-9.67	1.98	2.95	76.91
2500	-7.37	2.49	2.74	56.75
4900	-9.94	1.93	-4.33	20.61
5800	-12.26	1.64	-0.22	57.94

## VARIANTS

AW-A2458G-FPC71U110

Different connector variants or cable lengths are available on request.

## CONTACTS

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