



WI-FI ANTENNA

Antenna WiFi Internal
FLEX 71, 2.4/5 GHz,
U.FL(f) RA, 1.37mm
Coaxial Cable/100mm

AW-A2458G-FPC71U

SECTRON company offers a wide portfolio of WLAN 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

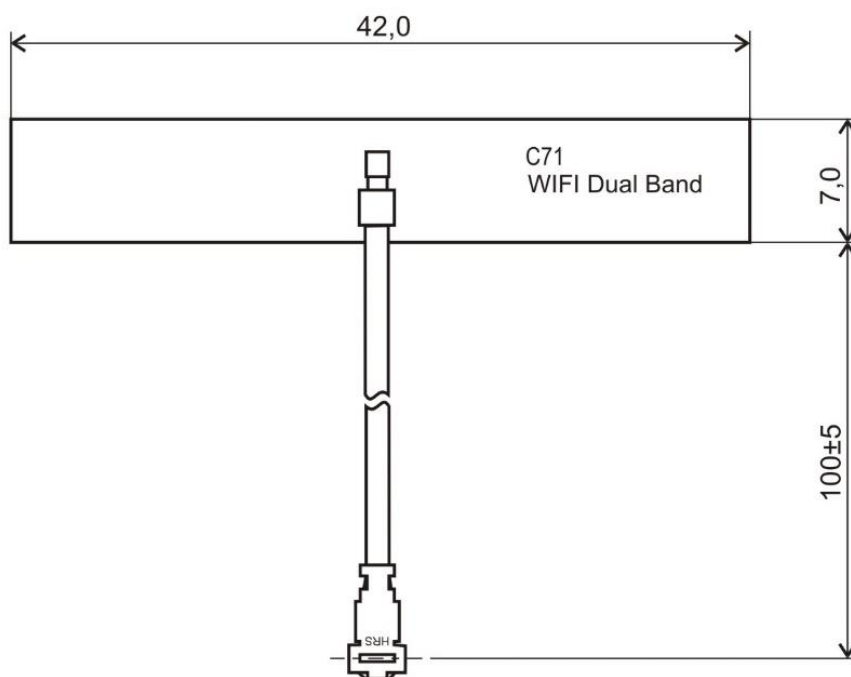
FEATURES

AW-A2458G-FPC71U

Technology	WiFi
Frequency bands	2.4/5 GHz
Bandwidth	-
Gain	3/2 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	100 mm
Connector type	U.FL

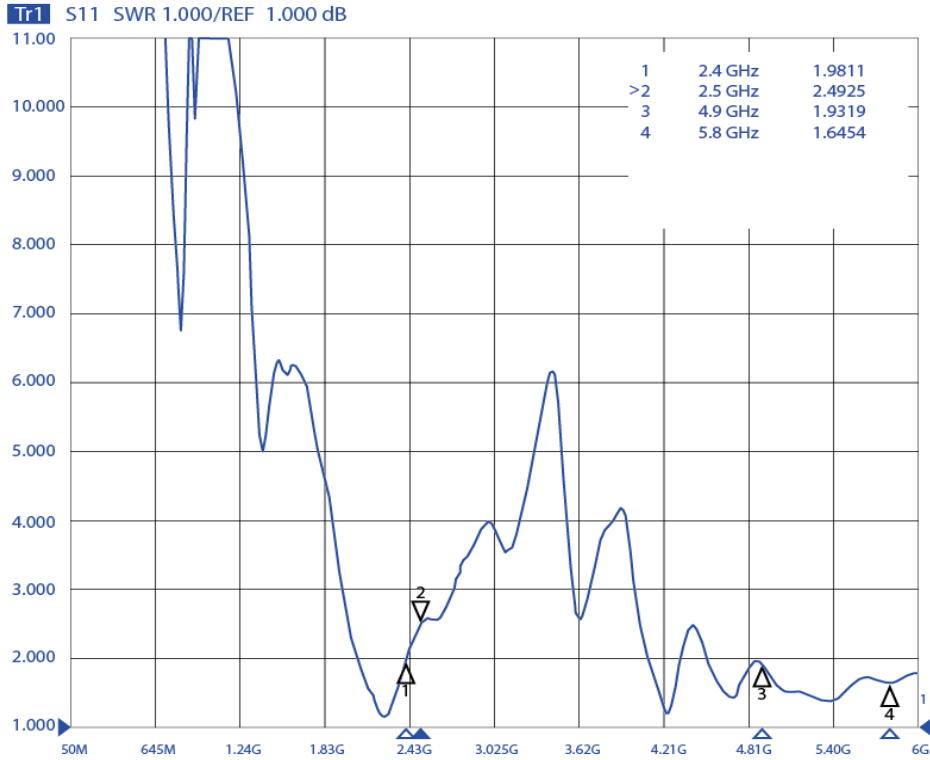
DRAWING

AW-A2458G-FPC71U

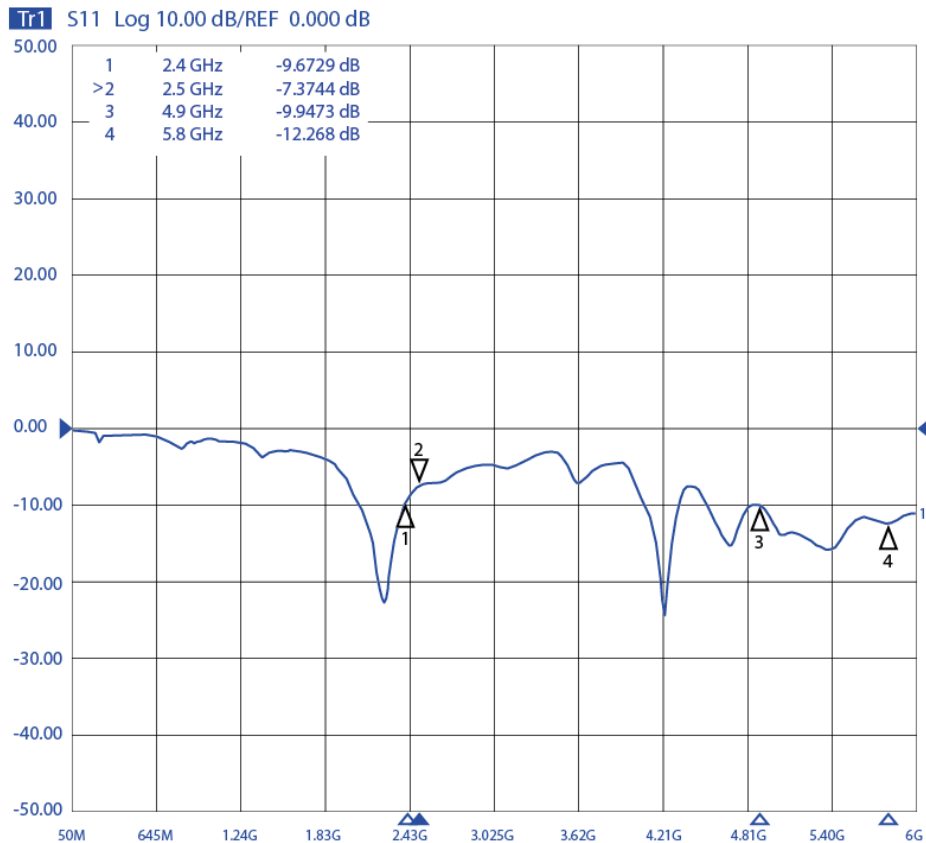


UNIT: mm

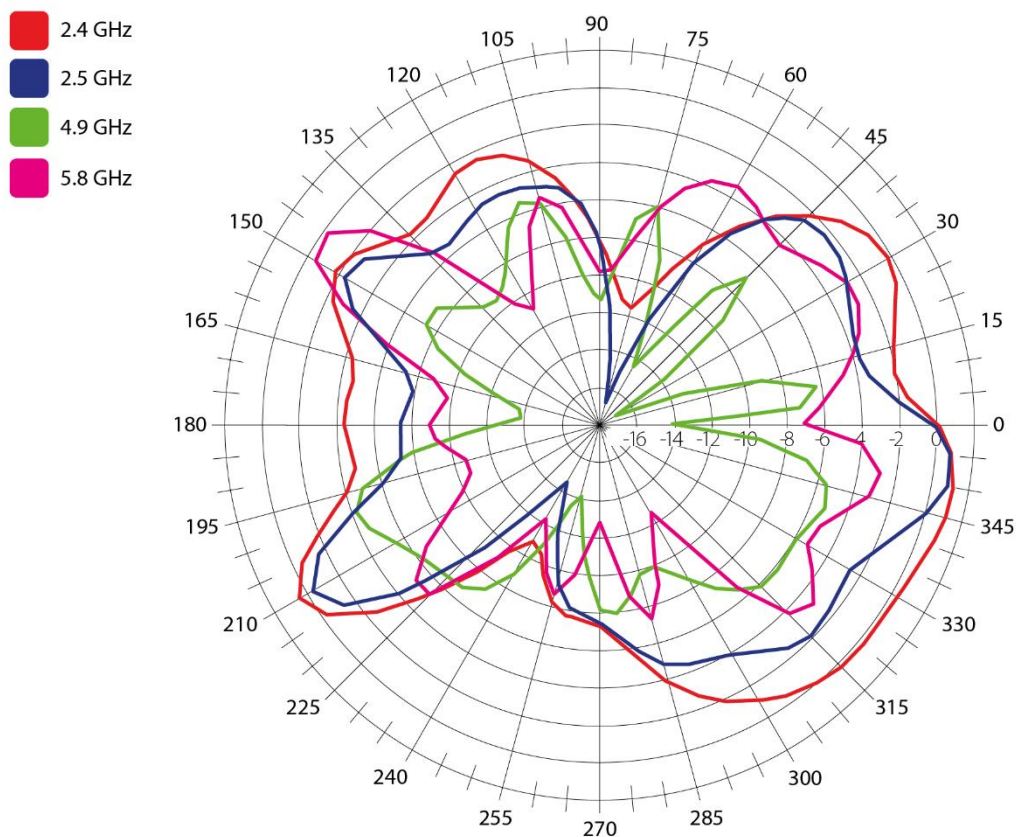
VSWR – Voltage standing wave ratio [50 Ω]



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