



WIFI ANTENNA

Antenna WiFi Internal FLEX 71,
2.4/5 GHz, U.FL(f) RA, 1.37mm
Coaxial Cable/400mm

AW-A2458G-FPC71U400

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

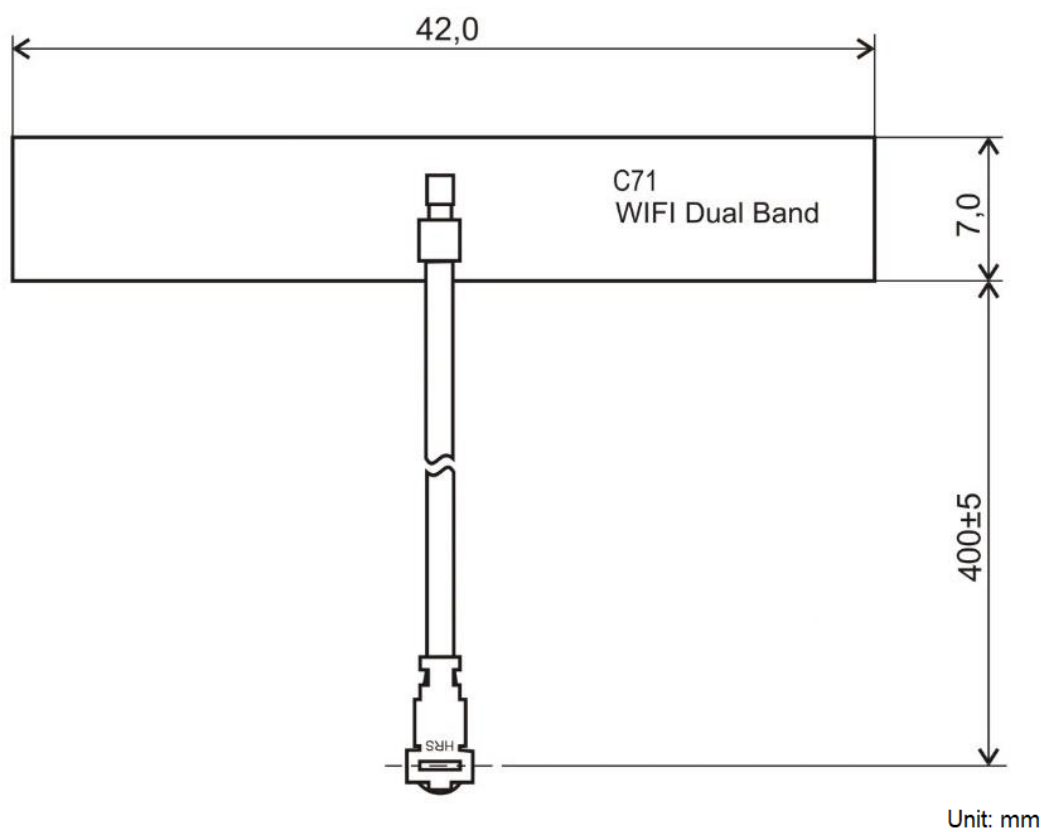
- Directional
- Flexible

FEATURES

AW-A2458G-FPC71U400

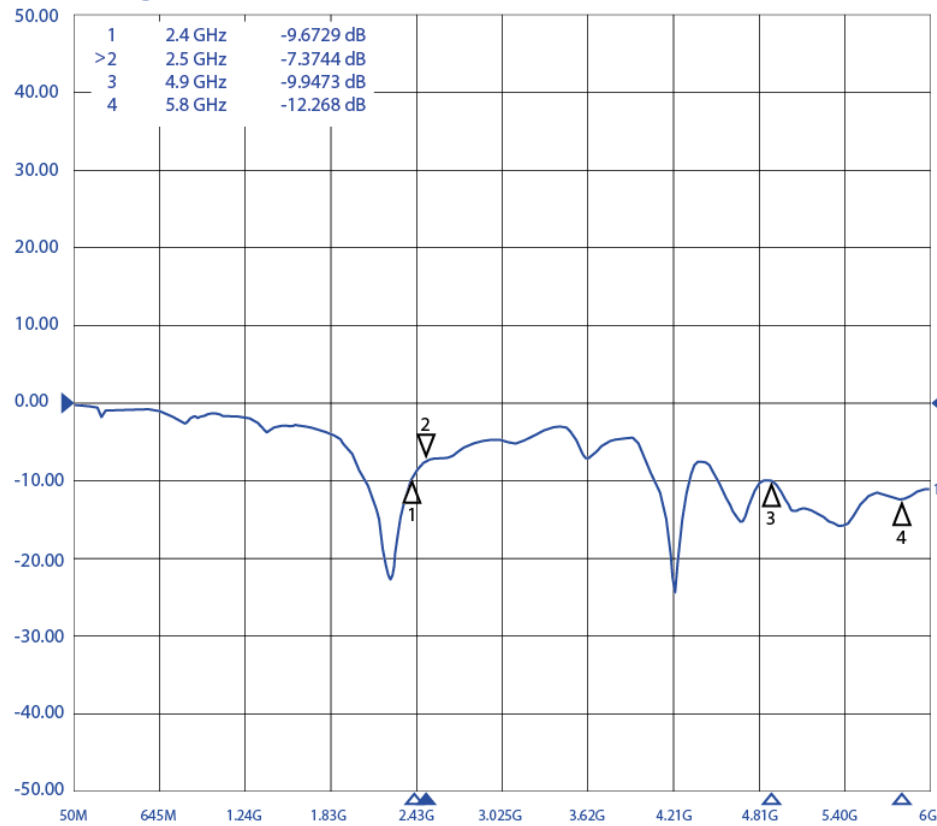
Technology	WIFI
Frequency bands	2.4/5 GHz
Bandwidth	-
Gain	3 dBi
VSWR	<2.5:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	Via attached graphs below
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	42 x 7 x 0.15 mm
Weight	-
Operating temperature	-30 to +90 °C
Execution	Internal
Method of attachment	Adhesive
Cable type	RF 1.37
The cable length	400 mm
Connector type	U.FL(f) RA

DRAWING



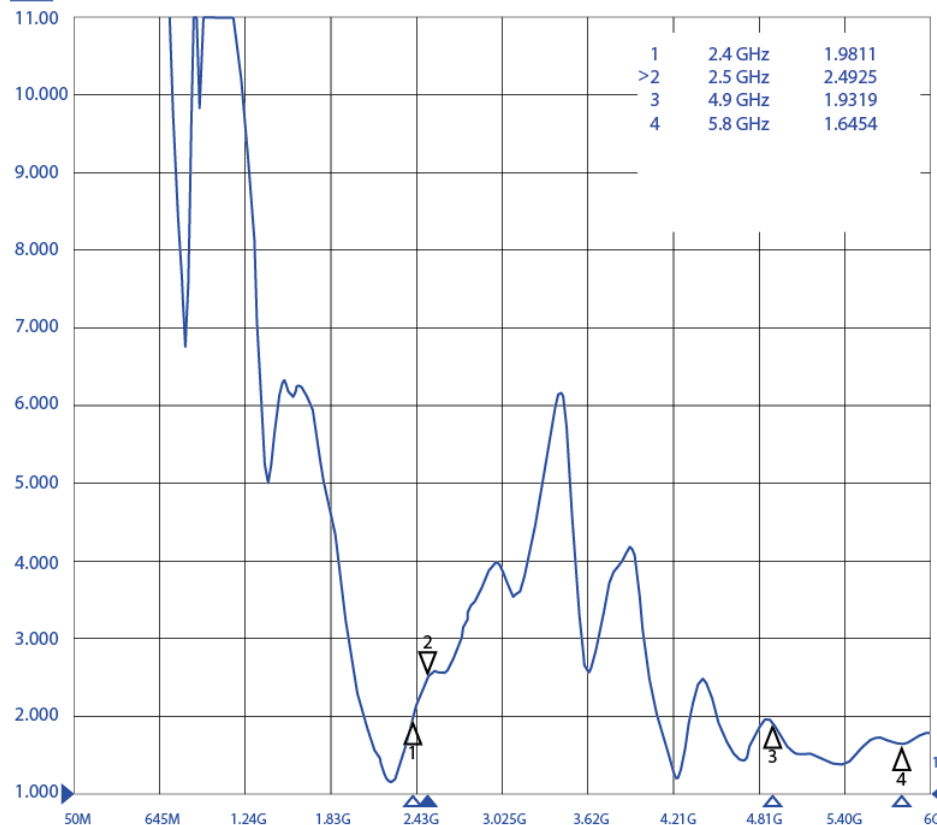
S_{11} - Return Loss [dB]

Tr1 S11 Log 10.00 dB/REF 0.000 dB

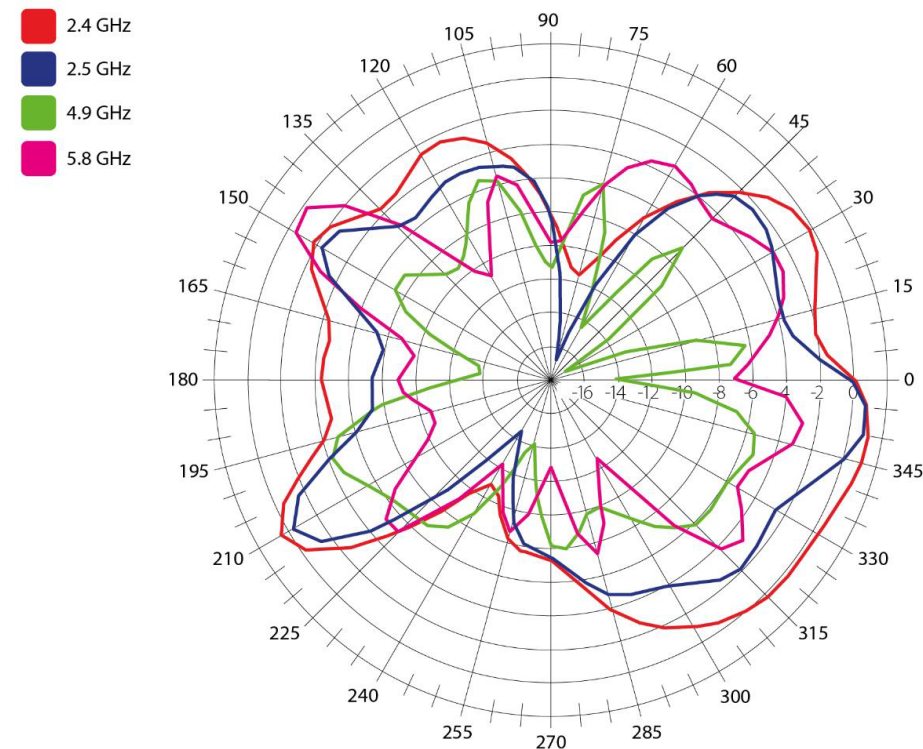


VSWR – Voltage standing wave ratio [-]

Tr1 S11 SWR 1.000/REF 1.000 dB



2D RADIATION PATTERN



SUMMARY

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

Different connector variants or cable lengths are available on request.

CONTACTS

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