

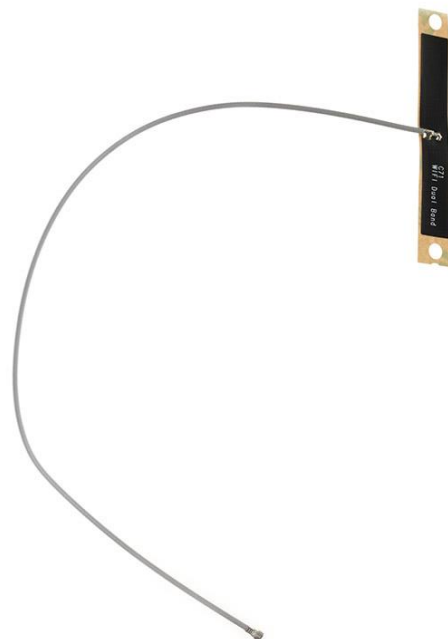


WI-FI ANTENNA

Antenna WLAN, internal, FPC series 42x7x0.15, Flexi, 2.4/5 GHz, IPEX-MHF4L(f) 1.130D/200mm

AW-A2458G-FPC71MH200

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

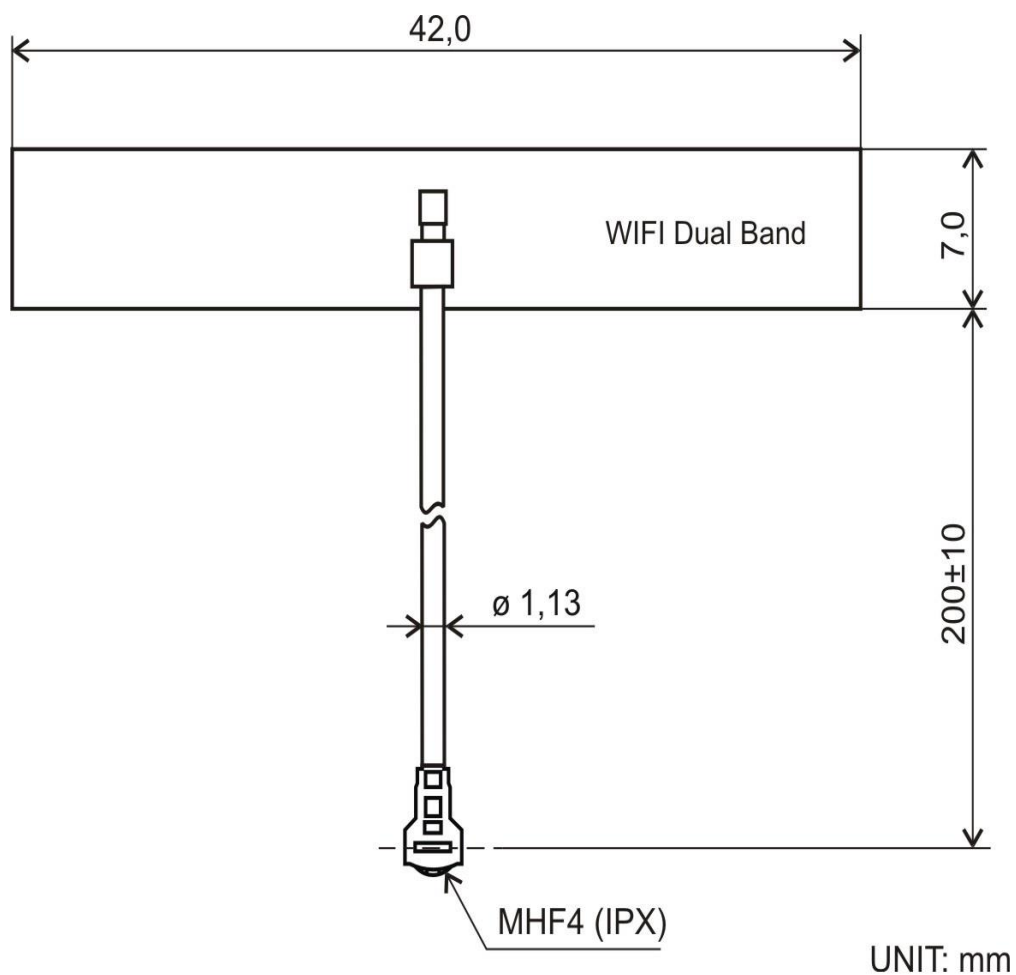
- Easy installation
- Flexible

FEATURES

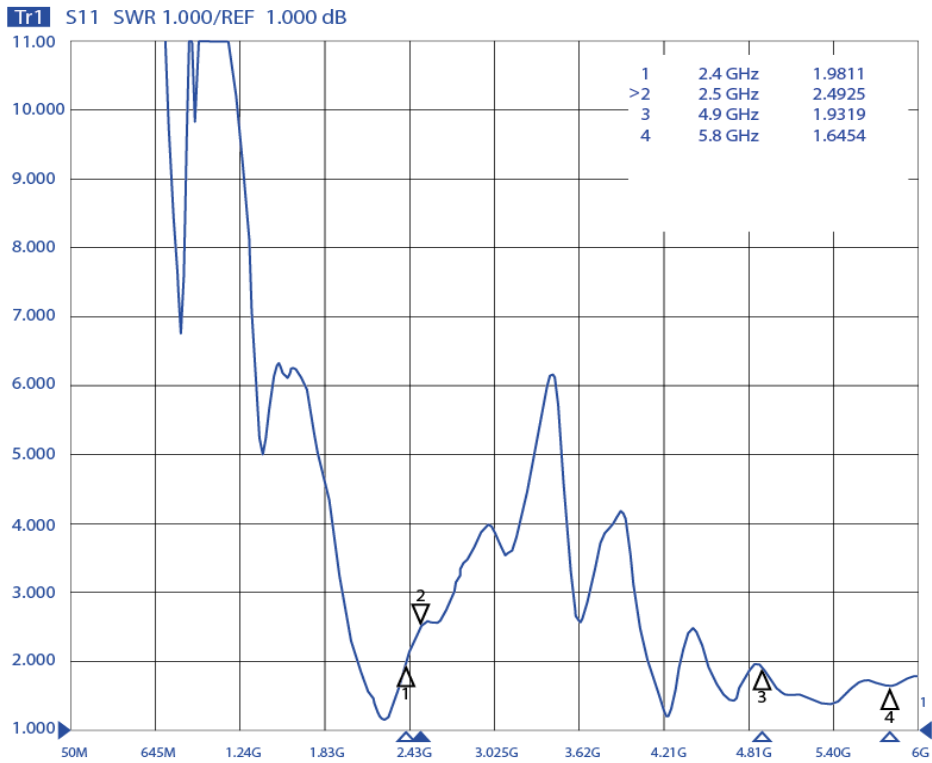
AW-A2458G-FPC71MH200

Technology	WLAN
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	0.73 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-MHF4L(f)

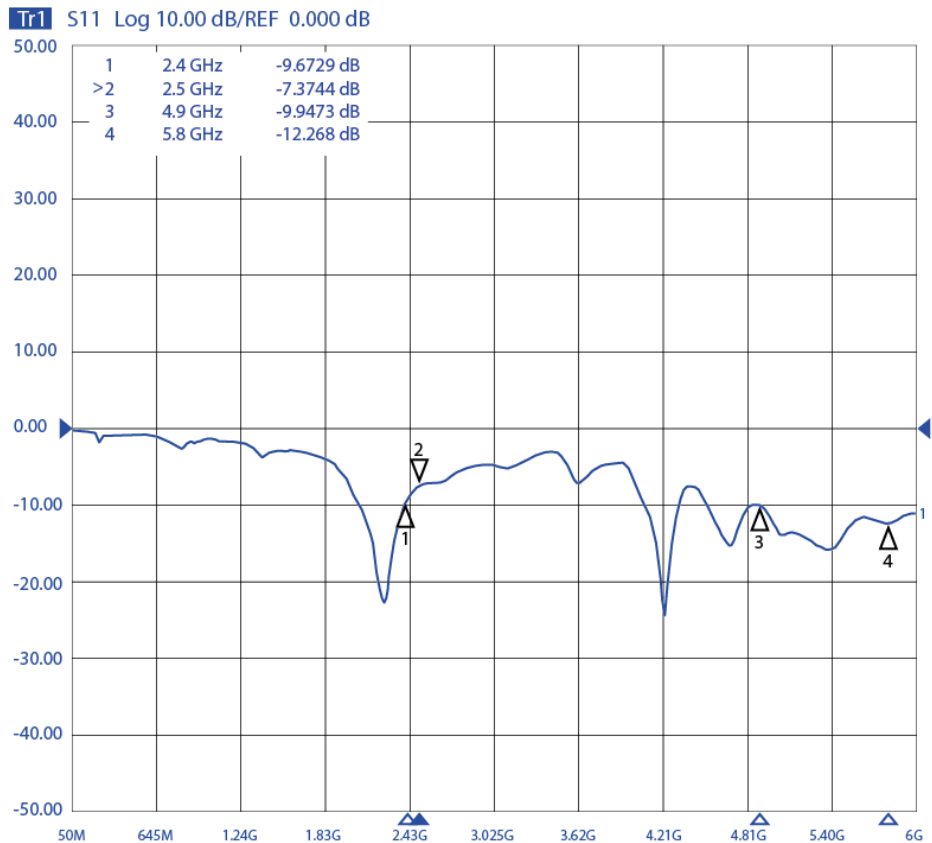
DRAWING



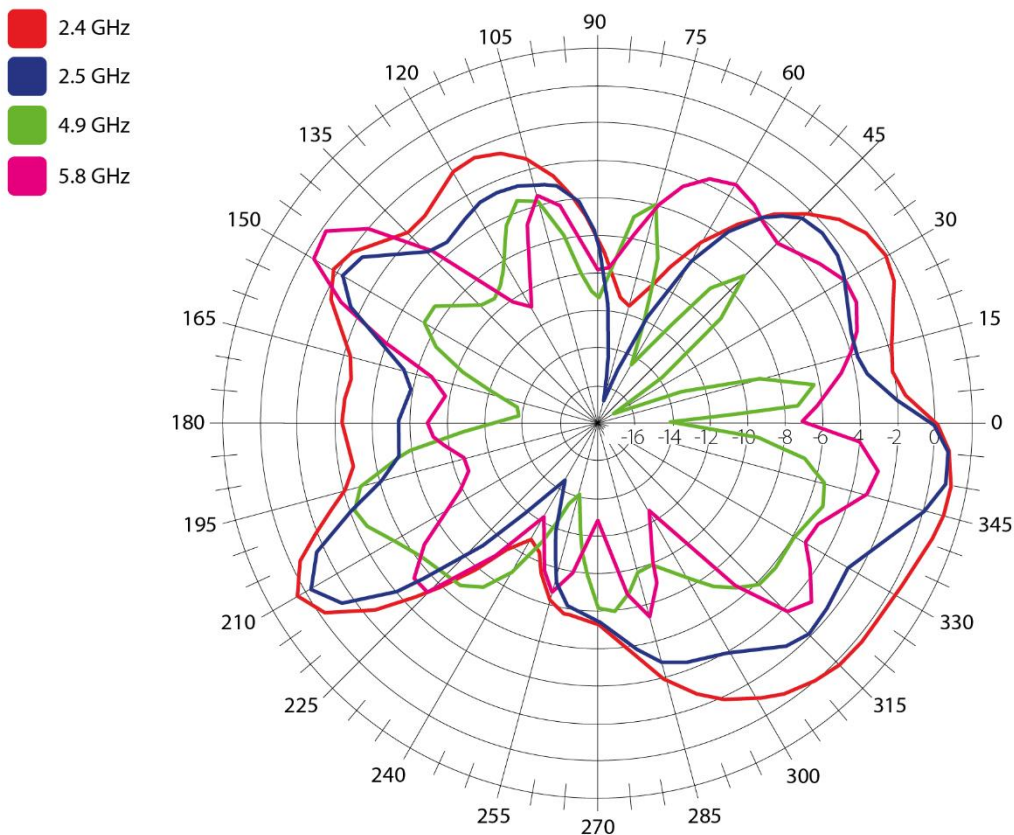
VSWR – Voltage standing wave ratio [50 Ω]



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