REVIE FLEX 600



Flexible 5G, 4G/LTE, Cat M1, NB-IoT Antenna 600-960 MHz/1350-1610 MHz/1690-2700 MHz/ 3300-4200 MHz/4900-6000 MHz

LAIRD CONNECTIVITY IS AN AUTHORITY

IN CUSTOMER ANTENNA INTEGRATION SUPPORT



The Revie 600 family of peel-and-stick flexible adhesive-backed antennas are premium antennas supporting global 5G customers. This antenna family covers global cellular bands for various 5G and older applications. The antennas are optimized for use when mounted to plastic via the supplied adhesive backing. These high-efficiency antennas ensure reliable connections for high data throughput in a variety of integration environments.

FEATURES AND BENEFITS

- Optimized performance for all 5G bands
- Ground Plane Independent
- High efficiency for ease of carrier certification

APPLICATIONS

- 5G NR devices
- LTE-M, Cat M, Cat M1, NB-IoT
- CBRS, GNSS bands supported.

Laird Connectivity Part Number	EFF6060A3S-15MHF											
Operating Frequency (MHz)	600-698	698-806	806-894	880-960	1350-1580	1550-1610	1690-1880	1850-1990	1910-2180	2300-2700	3300-4200	4900-6000
Gain (dBi) – Avg	0.7	2.3	2.4	3.0	2.9	3.6	3.2	2.6	2.7	3.0	3.7	5.3
Gain (dBi) – Max	2.0	2.5	2.7	3.2	3.8	3.8	3.7	2.8	2.9	3.8	4.7	6.9
Efficiency (%) – Avg	49	64	64	67	73	78	74	77	76	64	61	67
Efficiency (dB) – Avg	-3.1	-1.9	-1.9	-1.7	-1.4	-1.1	-1.3	-1.1	-1.2	-1.9	-2.1	-1.8
VSWR – Avg	2.3	1.7	1.8	1.5	2.3	1.7	1.6	1.5	1.7	1.6	1.8	1.7
VSWR – Max	<2.5:1											
Nominal Impedance (Ohms)	50											
Polarization	Linear vertical											
Azimuth Beamwidth	360°, Omnidirectional											
Input Power (W) - Max	5											

Note: Measured on a 60 x 260 x 1.7 mm polycarbonate sheet.

MECHANICAL SPECIFICATIONS	
Dimensions – L x W x H – mm (inches)	130.4 x 30.4 x 0.3 (5.13 x 1.20 x 0.01)
Connector	U.FL / MHF1
Cable Exposed Length – mm (in.)	150 (5.91)

ENVIRONMENTAL SPECIFICATIONS						
Operating Temperature – °C (°F)	-30 to +70°C (-22 to +158°F)					
Storage Temperature – °C (°F)	-40 to +85°C (-40 to +185°F)					
Material Substance Compliance	RoHS					

CONFIGURATION

PART NUMBER	EXPOSED CABLE LENGTH	CONNECTOR	PACKAGING
EFF6060A3S-10MHF1	100 mm +/- 3 mm (3.94 +/- 0.12 in.)	MHF1 / U.FL or equivalent	20 pieces / bag
EFF6060A3S-15MHF1	150 mm +/- 5 mm (5.91 +/- 0.2 in.)	MHF1 / U.FL or equivalent	20 pieces / bag
EFF6060A3S-20MHF1	200 mm +/- 7 mm (7.87 +/- 0.28 in.)	MHF1 / U.FL or equivalent	20 pieces / bag

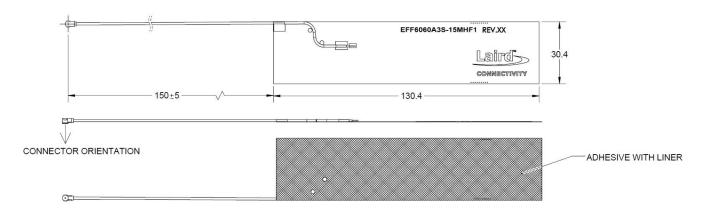
For EFF6060A3S-10MHF1 and EFF6060A3S-20MHF1 RF performance details, refer to the Revie 600 application note available from the Laird Connectivity Revie 600 product page.

PACKAGING INFORMATION

	BAG	CARTON		MAST	ER PACK	AIR PALLET	OCEAN PALLET	
Number of Antennas	20 antennas	10 bags	200 antennas	8 cartons	1600 antennas	14400	38400	
Dimensions – mm (in.)	209.6 x 187.5 (8.25 x 7.38)	250 x 125 x 145 (9.84 x 4.92 x 5.71)		526 x 305 x 266 (20.71 x 12.01 x 10.47)		1200 x 800 x 1024 (47.24 x 31.5 x 40.31)	1200 x 800 x 1325 (47.24 x 31.5 x 52.17)	
Weight – kg (lb.)	0.057 (0.13)	0.57 (1.26)		4.56 (10.05)				

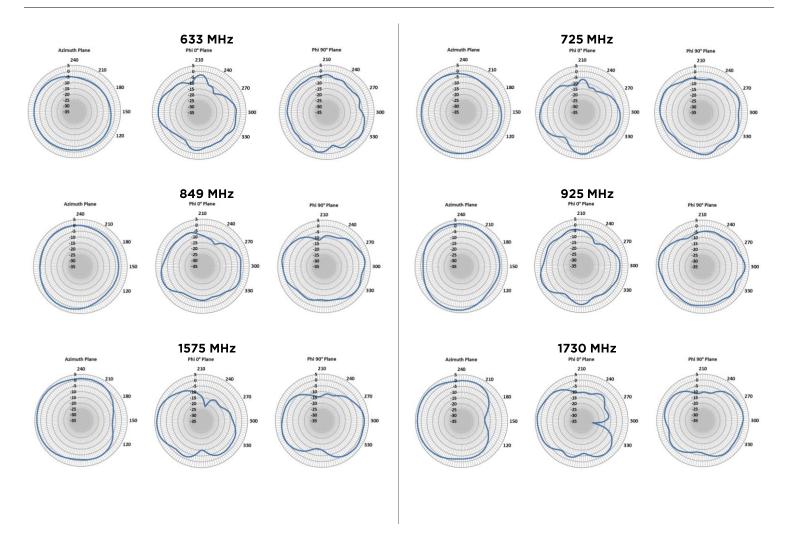


MECHANICAL DRAWING



RADIATION PATTERNS - EFF6060A3S-15MHF1

Note: For EFF6060A3S-10MHF1 and EFF6060A3S-20MHF1 radiation patterns, refer to the Revie 600 application note available from the Laird Connectivity Revie 600 product page.

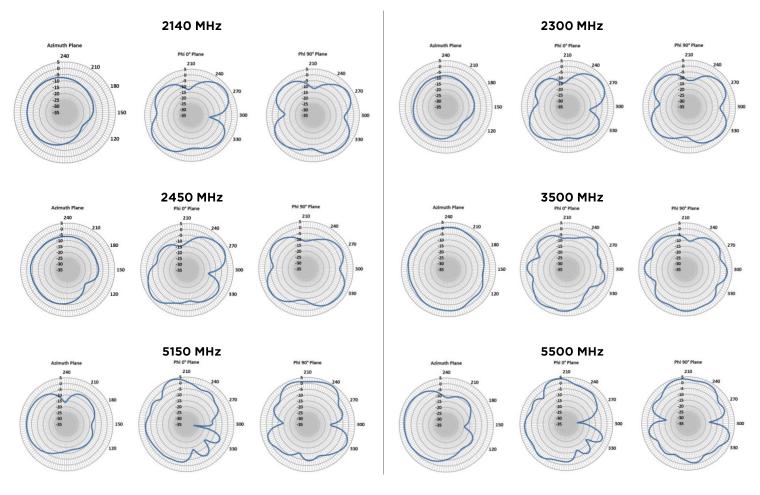








RADIATION PATTERNS - EFF6060A3S-15MHF1





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