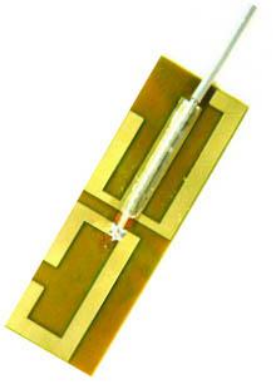
Mini NanoBlade Flex

Dual-Band Flexible Planar Antenna
2400-2500 MHz / 4900-5875 MHz



The Laird Mini NanoBlade Flex antenna features a flexible printed circuit board that supports WLAN applications. The flexible board can be embedded in space-sensitive applications where a curved housing does not provide a flat surface for antenna mounting. The antennas are specifically designed to be embedded inside devices for aesthetically pleasing integration.

FEATURES AND BENEFITS

- Dual-band frequency coverage
- RoHS Compliant (2011/65/EU)
- Flexible PCB for mounting in curved housing

ELECTRICAL SPECIFICATIONS		
Operating Frequency (MHz)	2400-2500	4900-5875
Gain (dBi)	2.79	3.38
Efficiency (%)	68	59
VSWR	2:1	
Polarization	Vertical, Omnidirectional	
Nominal Impedance (ohms)	50	

MECHANICAL SPECIFICATIONS	
Dimensions (diameter x height) – mm (in.)	36 x 12 x 0.1 (1.42 x 0.47 x 0.004)
Hazardous Materials Compliance	RoHs Compliant (2011/65/EU)

CONFIGURATION

PART NUMBER	CABLE LENGTH	CONNECTOR	ORIENTATION
MAF95310	185 mm (1.13 mm diameter)	IPEX MHF I	A
EMF2449A1-10UFL		u.FL	

Note: This antenna is available in many connector and cable configurations. Contact us at 1-847-839-6925 or IAS-AmericasSales@lairdtech.com for more information.

MECHANICAL DRAWING

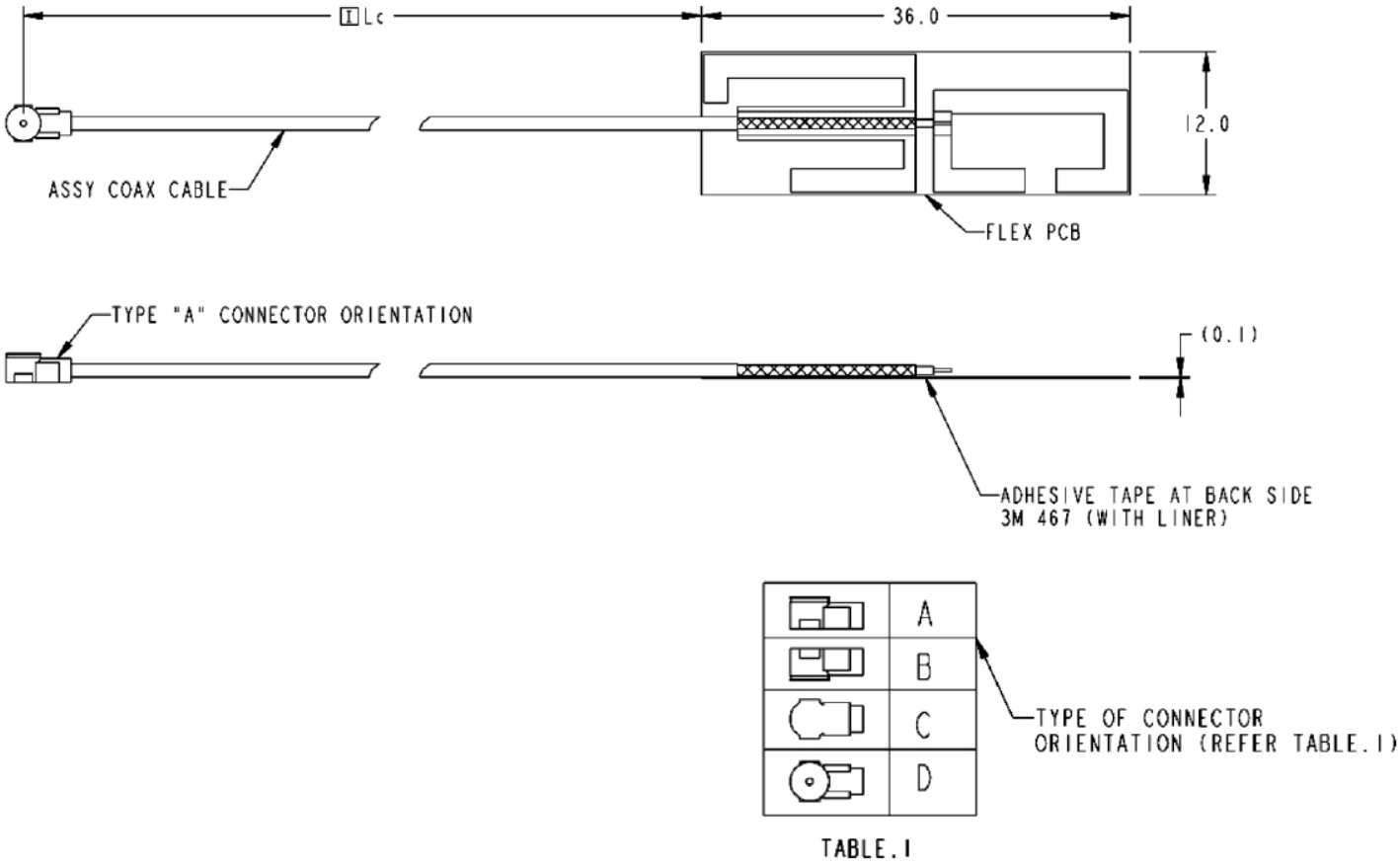


TABLE.1

RETURN LOSS