



ISM AND LPWA 410-467 MHz FPC ANTENNAS

TE Connectivity's (TE) Industrial Scientific Medical (ISM) and Low Power Wide Access (LPWA) band 410-467 MHz FPC Antennas for LoRaWAN and IoT applications are optimized for performance at specific frequency bands. Horizontal and vertical mounting orientations are available to address the needs of a variety of products/applications, with peel and stick mounting and compatibility with curved surfaces. We offer cable lengths of up to 150mm and MHF-type and MHF4/MHFL4-type cable termination. TE is your trusted Antenna partner to help you complete your system design.

APPLICATIONS

- ISM, LoRaWAN
- Cellular Internet of Things (IoT) devices
- Agriculture
- Machine-to-machine (M2M) applications
- Weather monitors
- Smart meters
- Smart grids

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PRODUCT FEATURES

- Available cable lengths: 50, 100, 150 mm
- Available connectors: MHF-type, MHFL4-type
- FPC with double side adhesive tape simplifies mounting within the device even on curved areas
- Omnidirectional coverage
- Multiple variations allow the antennas to be integrated into the design without bending the coaxial cable beyond a certain radius
 - Optimizes the cable performance attributes
 - Helps prevent excess load on the solder joint at the antenna

ISM 868/915 MHz ANTENNAS

PART NUMBERS

	Part Number	Detailed Description	Orientation	Cable Length	Termination Type
LPWA 410-467 MHz	L000728-01	LPWA FPC ANT, VDP, MHF, 50mm, 410-467 MHz	Vertical	50mm	MHF-Type
	L000728-02	LPWA FPC ANT, VDP, MHF4L-Type, 50mm, 410-467 MHz	Vertical	50mm	MHF4/ MHF4L-Type
	L000727-01	LPWA FPC ANT, HDP, MHF, 50mm, 410-467 MHz	Horizontal	50mm	MHF-Type
	L000727-02	LPWA FPC ANT, HDP, MHF4L-Type, 50mm, 410-467 MHz	Horizontal	50mm	MHF4/ MHF4L-Type
LPWA 450-467 MHz	L000606-02	LPWA FPC ANT, HDP, MHF, 100mm, 450-467 MHz	Horizontal	100mm	MHF-Type
	L000606-03	LPWA FPC ANT, HDP, MHF, 150mm, 450-467 MHz	Horizontal	150mm	MHF-Type
	L000606-05	LPWA FPC ANT, HDP, MHF4L-Type, 100mm, 450-467 MHz	Horizontal	100mm	MHF4/ MHF4L-Type
	L000606-06	LPWA FPC ANT, HDP, MHF4L-Type, 150mm, 450-467 MHz	Horizontal	150mm	MHF4/ MHF4L-Type
	L000607-02	LPWA FPC ANT, VDP, MHF, 100mm, 450-467 MHz	Vertical	100mm	MHF-Type
	L000607-03	LPWA FPC ANT, VDP, MHF, 150mm, 450-467 MHz	Vertical	150mm	MHF-Type
	L000607-05	LPWA FPC ANT, VDP, MHF4L-Type, 100mm, 450-467 MHz	Vertical	100mm	MHF4/ MHF4L-Type
	L000607-06	LPWA FPC ANT, VDP, MHF4L-Type, 150mm, 450-467 MHz	Vertical	150mm	MHF4/ MHF4L-Type
ISM 410-427, 433-435 MHz	L000604-01	ISM FPC ANT, HDP, 50mm, 410-427, 433-435 MHz	Horizontal	50mm	MHF4/ MHF4L-Type
	L000604-02	ISM FPC ANT, HDP, MHF, 100mm, 410-427, 433-435 MHz	Horizontal	100mm	MHF-Type
	L000604-03	ISM FPC ANT, HDP, MHF, 150mm, 410-427, 433-435 MHz	Horizontal	150mm	MHF-Type
	L000604-04	ISM FPC ANT, HDP, MHF4L-Type, 50mm, 410-427, 433-435 MHz	Horizontal	50mm	MHF4/ MHF4L-Type
	L000604-05	ISM FPC ANT, HDP, MHF4L-Type, 100mm, 410-427, 433-435 MHz	Horizontal	100mm	MHF4/ MHF4L-Type
	L000604-06	ISM FPC ANT, HDP, MHF4L-Type, 150mm, 410-427, 433-435 MHz	Horizontal	150mm	MHF4/ MHF4L-Type
	L000605-01	ISM FPC ANT, VDP, MHF, 50mm, 410-427, 433-435 MHz	Vertical	50mm	MHF-Type
	L000605-02	ISM FPC ANT, VDP, MHF, 100mm, 410-427, 433-435 MHz	Vertical	100mm	MHF-Type

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