

## JLS-LLE-TX SERIES ANTENNAS

**JAYKAL**

PROJECT NAME:

**JAYKAL LED SOLUTIONS, INC.**

[www.jaykal.net](http://www.jaykal.net)

PROJECT NOTES:

21499 Baltimore Ave.

Georgetown, DE 19947

(P) 302-295-0015

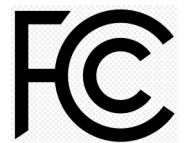
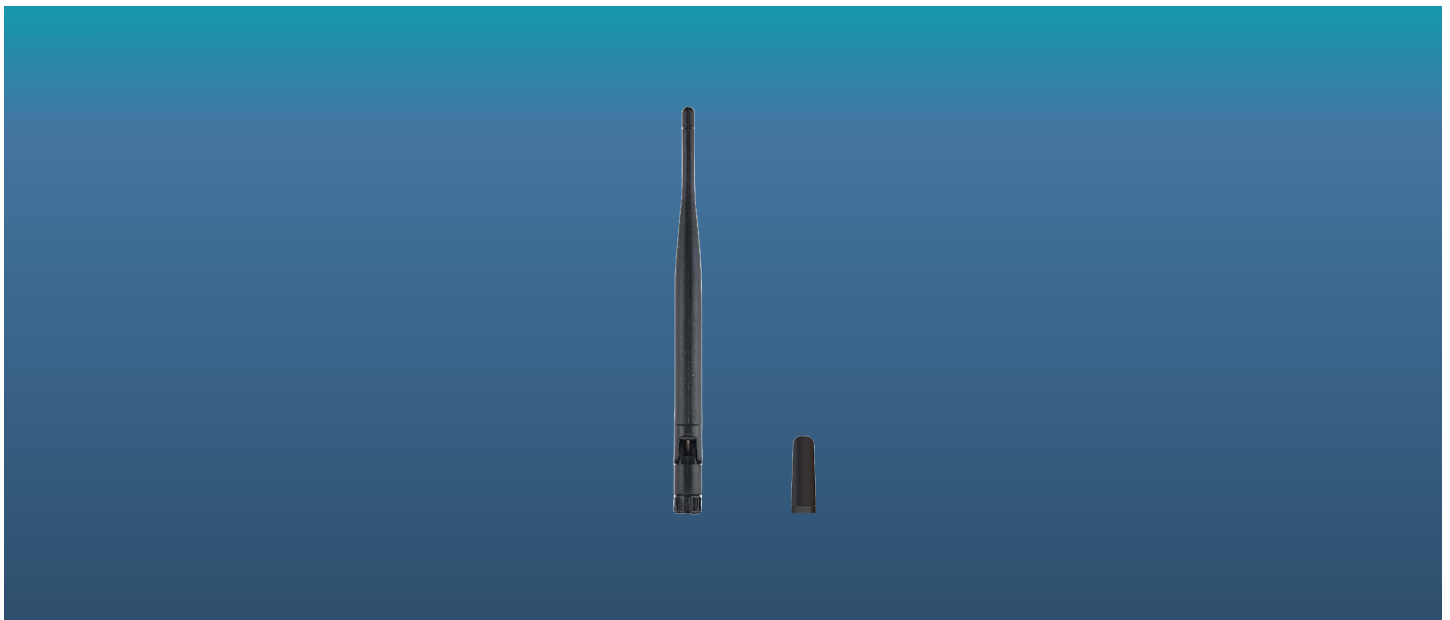
(F) 302-295-0016

### PRODUCT DESCRIPTION

The JLS-LLE-TX1 and JLS-LLE-TX5 are high-performance antenna solutions engineered to augment Bluetooth signal propagation in Keilton+autani device networks. These antennas are optimized for environments characterized by extended inter-device distances, such as expansive open warehouses, manufacturing facilities, and outdoor illumination zones. The TX1 model achieves a maximum signal range of 860 feet (262 meters), while the TX5 extends this capability to 1640 feet (500 meters). Both antennas are designed to enhance network coverage and reliability in challenging RF environments, ensuring robust communication between Keilton+autani devices across large-scale deployments.

### FEATURES

- Flexible mounting: Threaded fitting enables easy junction box mount or through-hole installation
- Adaptable antenna interface: Threaded design supports various sizes for quick interchange
- Wide compatibility: Designed to work with Keilton+autani devices including JLS-LLE-CR02-W, JLS-LLE-CR05, JLS-LLE-FA102-W, JLS-LLE-PPA102S-W, JLS-LLE-RP0, JLS-LLE-RP1



Revised 11/8/24

*Specifications are typical values and may change without notification*

**efficiency. illuminated.**

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- Maximum signal range may not be achievable in all application environments due to factors such as signal obstructions, interference, and luminaire/housing design. On-site testing is recommended to ensure optimal performance for specific applications.

### SPECIFICATIONS TABLE

#### JLS-LLE-TX SERIES

BLUETOOTH TRANSMIT	12VDC
INDOOR/OUTDOOR	Outdoor Use
OPERATING TEMPERATURE	-30°C to 65°C, -22°F to 149°F
STORAGE TEMPERATURE	-30°C to 65°C, -22°F to 149°F
COLOR	Black
WARRANTY	5 Year

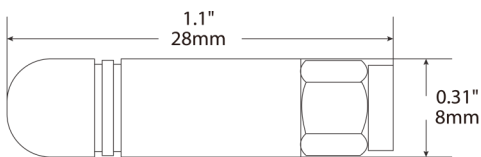
Due to our continued efforts to improve our products, specifications are subject to change without notice.

## Ordering Guide

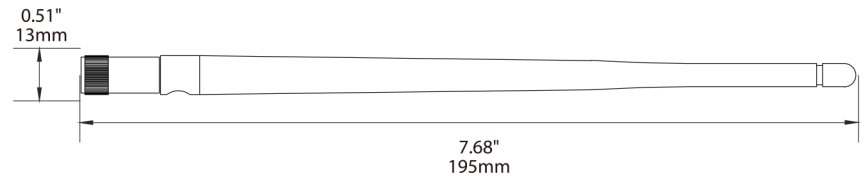
MODEL	Description
JLS-LLE-TX1	2.4GHz-1dbi Antenna
JLS-LLE-TX5	2.4GHz-5dbi Antenna

### DIMENSIONS

Unit:inch/mm  
TX1



Unit:inch/mm  
TX5



### APP DOWNLOAD



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