



Radio Transceiver Line Extender

TECHNICAL DATA SHEET

TMA-RTEXT-01

PRODUCT APPLICATION

Used with Tempest Remote Transceivers to extend the maximum distance between a Tempest BaseStation and Remote Transceiver. It is compatible with both Tempest2400 and Tempest900 models.

RoHS COMPLIANCE

This product is in compliance with the European Directive 2011/65/EU on the Restriction of Hazardous Substances (RoHS).

SPECIFICATIONS*

The RT Line Extender is a small, externally powered box that is inserted in-line between the Tempest BaseStation and the Remote Transceiver. The purpose is to extend beyond the 1500 ft. (457 m) maximum distance limitation between a single BaseStation and Remote Transceiver. The RT Line Extender was designed to meet IP67 standards, when properly installed, to allow for more versatile installation solutions. Up to three RT Line Extenders may be inserted between a BaseStation and Remote Transceiver for a total line length of up to 7500 ft. (2286 m).

Includes external power supply, interchangeable AC blades, and Quick Start Guide.

Electrical

AC Input Voltage Range	90–264 AC
DC Input Voltage Range	22.8–25.2 VDC
Input Frequency Range	47–63 Hz
AC Input Current	83 mA max/ 45 mA typ
Inrush Current	30 A max @ 115 V/60 A max @ 230 V
AC Power Consumption Min/Max	1.5 W/6.7 W
DC Power Consumption Min/Max	1.25 W/5.6 W

Safety and Compliance

Hi-Pot (10mA for 1min)	3000 VAC
Safety Approvals	CB
Power Supply	UL/cUL, GS RCM, CCC, PSE
EMI standard	CE, FCC Class B
Power Supply	CE, FCC Class B, VCCI Class II
RoHS Compliant	Yes
Leakage Current	0.25 mA

Physical

Rack Space	N/A
Unit Weight	12.4 oz
Dimensions	6.22 in × 3.42 in. × 1.85 in. (L × W × H) (15.8 cm × 8.7 cm × 4.7 cm)



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RT Line Extender Data Sheet_TMA-RTEXT-01_A

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*Notice About Specifications

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