



Outdoor Arrestor Kit TEW-ASAK (V2.0R)

The Outdoor Arrestor Kit provides lightning protection for your wireless equipment. By adding a simple arrester to your wireless antenna, you can reduce the costs in damaged switches, access points, or other network devices. Simply connect the Outdoor Arrestor Kit directly inline between your Access Point and your outdoor antenna cable, and connect the ground wire to a ground pole.

FEATURES

- Supports dual band 2.4GHz 802.11b/g and 5GHz 802.11a wireless devices.
- Multi-strike capability and bi-directional protection helps protect devices from the erratic and unpredictable nature of lightning
- Color coded cable and adapter sleeves ensures easy installation
- Easy-to-Install wall mounting
- No configuration or installation software required
- 3-Year Limited Warranty

Outdoor Arrestor Kit

TEW-ASAK (V2.0R)

SPECIFICATIONS

Surge Arrestor

Electrical Specifications

| | |
|-----------------------|-----------------------------|
| Frequency Range | • DC ~ 6GHz |
| Tensile Strength | • 50Kg |
| VSWR | • 2.0: 1 max (DC ~ 6GHz) |
| Insertion Loss | • -1.2dB max (0 ~ 6GHz) |
| DC Breakdown Voltage | • 90V ± 20% |
| Impulse Discharge | • 5KA min (wave 8/20 µs) |
| Voltage | • 10KV min (wave 1.2/50 µs) |
| Impedance | • 50Ω |
| Insulation Resistance | • DC 50V > 10,000MΩ |

Mechanical Specifications

| | |
|---------------------|-------------------------------------|
| Connector Interface | • N-Type Male to Reverse SMA Female |
| Body Material | • Copper |
| Temperature | • -20°C ~ 70°C (-4°F ~158°F) |
| Surge Arrestor | • Embedded with 6m extension cable |
| Weight | • 200g (7.05 oz.) |

Grounding Wire Cable Specification

| | |
|------------------------|-----------------------------|
| Grounding Wire Cable | • 18 AWG |
| Rating Voltage | • 600V |
| Rating Temperature | • 105°C (221°F) |
| Conductor Resistance | • 6.64 MΩ/KFT 20°C |
| Insulation Resistance | • 2.5 MΩ/KFT 20°C, in water |
| Voltage Withstand Test | • 2 KV/min, in water |

Cable Converter

Extension Cable

| | |
|---------------------------------|---------------------------|
| Inner Conductor (Solid BCCS) | • 0.94 mm (0.037 in.) |
| Dielectric (Foam PE) | • 2.79 mm (0.110 in.) |
| Outer Conductor (Aluminum Tape) | • 2.95 mm (0.116 in.) |
| Overall Braid (Tinned Copper) | • 3.53 mm (0.139 in.) |
| Jacket (PE) | • 4.95 mm (0.195 in.) |
| Bend Radius: Installation | • 12.7 mm (0.5 in.) |
| Bend Radius: Repeated | • 50.8 mm (2.0 in.) |
| Bending Moment | • 0.27 N-m (0.2 ft-lb) |
| Weight | • 0.03 kg/m (0.021 lb/ft) |
| Tensile Strength | • 18.2kg (40 lb) |
| Flat Plate Crush | • 0.27 kg/mm (15 lb/in.) |
| Cut-off Frequency | • 41 GHz |
| Velocity of Propagation | • 80% |

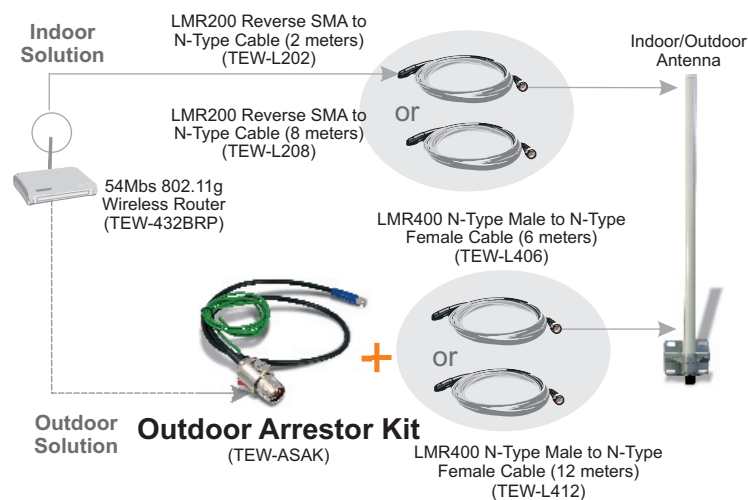
Outdoor Arrestor Kit

TEW-ASAK (V2.0R)

SPECIFICATIONS

| Cable Converter Extension Cable | |
|------------------------------------|----------------------------------|
| Dielectric Constant | • 1.56 |
| Time Delay | • 4.17 nS/m (1.27 nS/ft) |
| Impedance | • 50 ohms |
| Capacitance | • 80.3 pF/m (25.4 pF/ft) |
| Inductance | • 0.21 uH/m (0.064 uH/ft) |
| Shielding Effectiveness | • > 90 dB |
| DC Resistance (Inner Conductor) | • 24.9 ohms/km (7.6 ohms/1000ft) |
| DC Resistance (Outer Conductor) | • 16.1 ohms/km (4.9 ohms/1000ft) |
| Voltage Withstand | • 1000 Volts DC |
| Jacket Spark | • 3000 Volts RMS |
| Peak Power | • 2.5 KW |
| Storage Temperature range | • -70°~85° (-94°~ 185°) |
| Operating Temperature range | • -40°~85° (-40°~ 185°) |

OUTDOOR ARRESTOR SOLUTION



PACKAGE CONTENTS

- TEW-ASAK
- Multi-Language Quick Installation Guide
- Mounting Bracket
- Weatherproof Tape

RELATED PRODUCTS

| | |
|-------------------|---|
| TEW-AO080 | 8dBi Outdoor Omni-Directional Antenna |
| TEW-AO100 | 10dBi Outdoor Omni-Directional Antenna |
| TEW-L202/TEW-L208 | LMR200 Reverse SMA to N-Type Cable |
| TEW-L406/TEW-L412 | LMR400 N-Type Male to N-Type Female Cable |

ORDERING INFORMATION

TRENDnet

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: www.trendnet.com

Email: sales@trendnet.com

To Order Please Call:

1-888-326-6061

