



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%

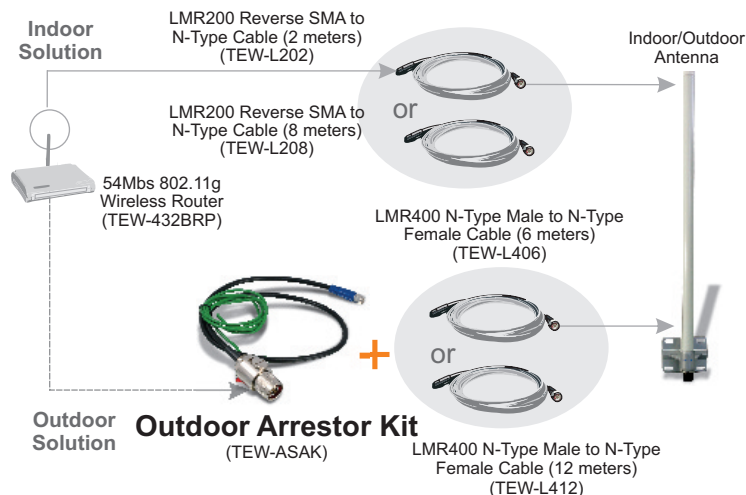
Outdoor Arrestor Kit

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

