

# WHY SPECIFY THE LYNCOLE XIT® GROUNDING SYSTEM FOR YOUR ELECTRICAL SERVICE ENTRANCE

With today's sensitive electronics, why protect them with a Grounding System from yesterday? Lyncole invented the XIT® Grounding System for today's digital facilities. The XIT® System was the original patented electrolytic ground rod system.

By installing an XIT® System, you can assure safety, low systems to ground resistance and a 30 to 50 year life. Whether it is for Lightning Protection or facility Grounding, the XIT® System is a far more appropriate solution for service entrance Grounding at today's digital facilities. It comes in both a vertical rod solution and an "L" shaped rod solution that makes installation on new facilities as easy and convenient as laying it in a standard trench.



## THE XIT® GROUNDING SYSTEM PROVIDES

- Consistent, low impedance, low resistance earth ground that will remain stable and dependable for years to come
- 30-year maintenance-free warranty
- 50-year life expectancy
- Continuously UL listed since 1982
- No hazardous materials or chemicals are used in producing the XIT® rods
- Lynconite II® backfill materials provides a pH balanced environment, inhibiting corrosion
- Active grounding system replenishes soil moisture, no watering is necessary after installation
- System performance improves over time as electrolytic roots form
- The XIT® System offers stability, reducing seasonal fluctuation

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# THE LYNCOLE XIT<sup>®</sup> SYSTEM

## K2-10CSXD

K = Type K hard copper

2 = Internal diameter of the XIT<sup>®</sup> Electrode in inches

10 = Length of electrode in feet

CS = Complete System including, Fibrelyte Cover Box, Lynconite II<sup>®</sup> backfill and exothermically welded tail

X = Tail conductor size, 4/0, 2/0, #2, #2T (please call for additional options)

D/U/P = Tail orientation (down, up, or pass-through), can also accommodate multiple tails



## BACKFILL

- Environmentally safe - NSF 60 Certified
- Lynconite II<sup>®</sup> has a low resistivity of 0.6 Ohms/m
- Lynconite II<sup>®</sup> is not corrosive, unlike carbon based enhancement backfills
- Lynconite II<sup>®</sup> can be used where soil is corrosive to extend the life of regular rods and conductor
- Lowers ground system resistance
- Lynconite II<sup>®</sup> is 6x more conductive than regular bentonite clay

## ADDITIONAL SYSTEM FEATURES

- Traffic rated test wells available
- Standard models have a 30-year warranty with a 50-year expected life
- Heavy duty models have 35 and 40-year warranties
- No maintenance
- Technical and Installation Support

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