



HPI-LP-11F

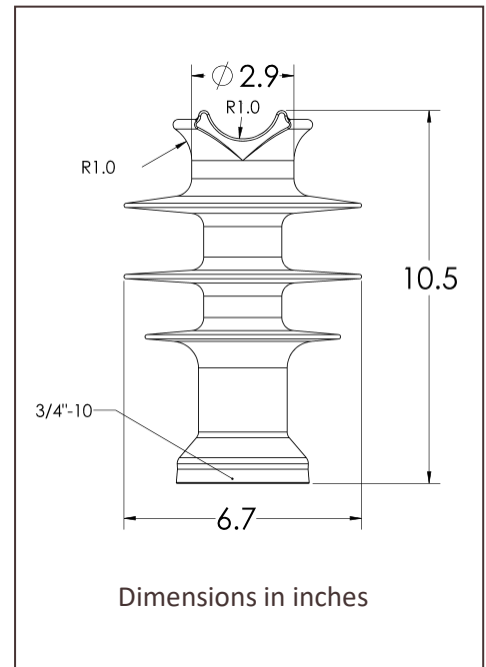
Hendrix Line Post Insulators are molded from a proprietary blend of gray, track and UV resistant, high density polyethylene. They are more durable and reliable than traditional porcelain insulators. They are also lighter, safer and easier to handle.

The HPI-LP-11F is the lightest weight insulator in its category. It is a tie-top design with a standard ANSI "F" neck, aluminum base and center tap 3/4" thread size. It meets the electrical and mechanical performance requirements for RUS 24.9/14.4 kV systems and ANSI C29.18 Class 51-2F. It is a direct replacement for high-voltage porcelain or composite insulators.

- Easy handling – Lighter than porcelain and composite designs
- Designed for use with all Tie Products and conductor types
- Resistant to impact damage, breakage and vandalism
- RUS Accepted
- Manufactured in USA

PRODUCT DATA

| Characteristic | RUS 24.9/14.4 | ANSI C29.18 51-2F | HPI-LP-11F |
|---------------------------------------|--------------------|----------------------|---------------------|
| DIMENSIONS | | | |
| Neck Designation | F | F | F |
| Leakage Distance (in) | 15 | 14 | 18.4 |
| Dry-arc Distance (in) | | 6.5 | 9.8 |
| Center-hole Diameter (in) | 0.75 | 0.75 | 0.75 |
| MECHANICAL VALUES | | | |
| Specified Cantilever Load (lbs), min. | 1875 | 2400 | 2400 |
| Maximum Design Cantilever Load (lbs) | 937 ^[1] | 1200 | 1400 ^[2] |
| Specified Tensile Load (lbs), min. | N.A. | 2000 | >3000 |
| ELECTRICAL VALUES | | | |
| Typical application (kV) | 24.9 | | 25 |
| Flashover, 60 Hz Dry (kV) | 95 | 70 | 103 |
| Flashover, 60 Hz Wet (kV) | 65 | 50 | 75 |
| Impulse Flashover – Positive (kV) | | 120 | 179 |
| Impulse Flashover – Negative (kV) | | | -279 |
| Max RIV (µV) tested at 15KV | 100 | 100 | 8.5 |
| OTHER | | | |
| Min.-Max. Conductor Diameter (in) | | Max. 1.75 | .187 - 1.75 |
| Part Weight (lbs) | > 8.5 | > 7 | 3.9 |
| Max. Continuous Conductor Temp (°C) | | | 120 |



NOTES: [1] Wet-process porcelain insulators are proof tested at 50% of Rated Cantilever Strength
 [2] MDCL is specified by the manufacturer
 [3] US Patent No. 9,649,797