



## HPI-LP-16F

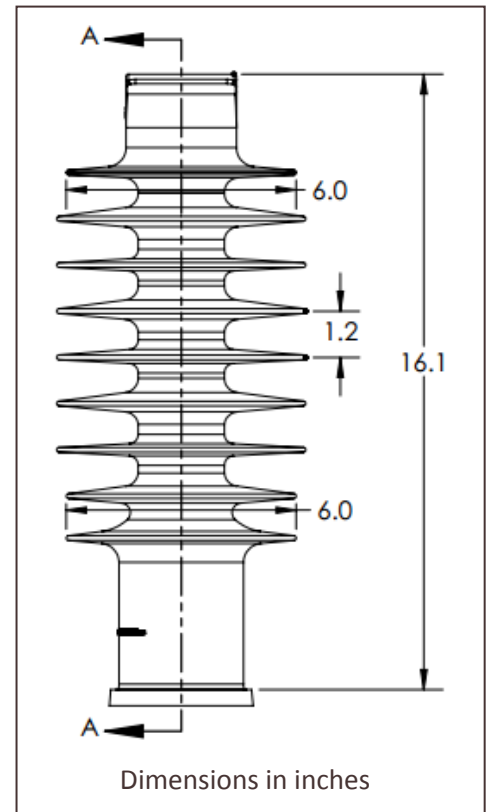
Hendrix Line Post Insulators are molded from a proprietary blend of gray, track and UV resistant, high density polyethylene. They are more durable and reliable than traditional porcelain insulators. They are also lighter, safer and easier to handle.

The HPI-LP-16F is a vertical tie-top design with a standard ANSI "F" neck, steel base and center tap  $\frac{3}{4}$ " thread size. It meets the electrical and mechanical requirements of ANSI C29.7 and C29.18. 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
- Resistant to impact damage, breakage and vandalism
- Manufactured in USA

## PRODUCT DATA

Characteristic	ANSI C29.7 57-3	ANSI C29.18 51-4F	HPI-LP-16F
<b>DIMENSIONS</b>			
Neck designation	F	F	F
Leakage distance (in)	29	29	44.4
Dry-arc distance (in)	12.25	12.25	15.6
Center-hole diameter (in)	0.75	0.75	0.75
<b>MECHANICAL VALUES</b>			
Specified Cantilever load (lbs)	2800	2240	3000
Max Design Cantilever Load (lbs)	1120 <sup>[1]</sup>	1235 <sup>[2]</sup>	1250
Specified tensile load (lbs)	N/A	2000	>3000
<b>ELECTRICAL VALUES</b>			
Typical application (kV)	35/46	35/46	35/46
Flashover, 60 Hz Dry (kV)	125	125	157
Flashover, 60 Hz Wet (kV)	95	95	114
Impulse Flashover – Positive (kV)	200	200	262
Impulse Flashover – Negative (kV)			-347
<b>OTHER</b>			
Max. Conductor Diameter (in)	1-15/16	1-15/16	1.75
Part Weight (lbs)	>24	>12	11.2
Max Continuous Conductor Temp (°C)			120



NOTES: [1] Wet-process porcelain insulators are proof tested at 40% of Rated Cantilever Strength  
 [2] MDCL for non-ceramic is specified by the manufacturer, typically 1235 to 1350 lbs (5.5 or 6 kN)  
 [3] U.S. Patent No. 9,649,797