

## HPI-CLP-20



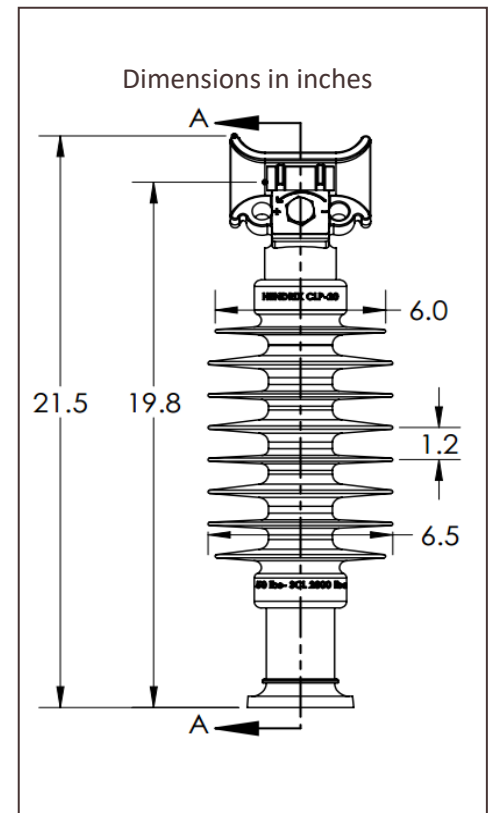
Hendrix Clamp Line Post Insulators are molded from a proprietary blend of gray, track and UV resistant, high density polyethylene. They are more durable and reliable than traditional porcelain insulators.

The HPI-CLP-20 is a universal clamp top design with a steel base and center tap 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.

- Lighter than porcelain
- Designed for use in vertical and horizontal configurations
- Resistant to impact damage, breakage and vandalism
- Molded in USA

## PRODUCT DATA

Characteristic	ANSI C29.7 57-13 & 23	ANSI C29.18 51-14 & 24	HPI-CLP-20
<b>DIMENSIONS</b>			
Leakage distance (in)	29	29	41.0
Dry-arc distance (in)	12.5	12.5	14.1
Center-hole diameter (in)	0.75	0.75	0.75
<b>MECHANICAL VALUES</b>			
Specified Cantilever load (lbs)	2800	2240	>2400
Max Design Cantilever Load (lbs)	1120 <sup>[1]</sup>	1235 <sup>[2]</sup>	1250
Specified tensile load (lbs)	N/A	5000	>7000
<b>ELECTRICAL VALUES</b>			
Typical application (kV)	46	46	46
Flashover, 60 Hz Dry (kV)	125	125	171
Flashover, 60 Hz Wet (kV)	95	95	131
Impulse Flashover – Positive (kV)	120	120	265
Impulse Withstand – Positive (KV)	-	-	242
Impulse Flashover – Negative (kV)	-	-	- 317
Max RIV (µV) tested at 30KV	200	200	TBD
<b>OTHER</b>			
Conductor Diameter Range (in)	-	-	0.25-1.65
Part Weight (lbs)	~ 26	-	14



NOTES: [1] Wet-process porcelain insulators are proof tested at 50% of Rated Cantilever Strength  
 [2] MDCL is specified by the manufacturer.  
 [3] Patent Pending