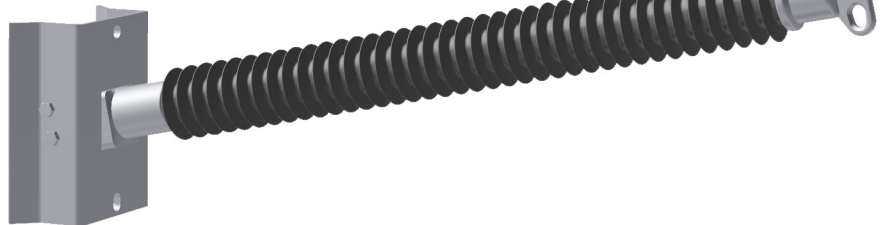


Hi*Lite XL Braced Line Post Insulators

for 69 kV Applications & Above

These insulating structures offer vastly improved vertical load capabilities over conventional line posts, while retaining the advantages of a fixed conductor position.



Hi*Lite® XL Assemblies

Braced Line Post Assembly



Horizontal-V Assembly



Pivoting Horizontal-V Assembly



Braced Line Post Assembly

Typical System kV	Catalog # Gain Base	Catalog # Flat Base	Component Insulators		Dimensions (in.)					Maximum Loadings** (lb.)			
			Post	Suspension	A	B	C	D	X	Vertical	Tension	Compression	Longitudinal
115/138	234220	234221	522008	511010	53.7	72.8	74.0	79.8	2	11280	7500	12500	1730
115/138	234222	234223	522009	511211	58.8	81.9	83.0	88.9	2	11280	7500	12500	1550
161	234224	234225	522010	511013	64.1	91.1	91.0	98.1	2	11280	7500	12500	1410
161	234226	234227	522011	511014	69.4	97.2	96.0	104.2	2	11280	7500	12500	1280
230 *	234228	234229	522014	511018	85.0	121.6	118.0	128.6	2	11280	7500	11810	1020
230 *	234230	234231	522015	511219	90.3	130.7	127.0	137.7	2	11280	7500	10470	960

Horizontal V Assembly

Typical System kV	Catalog # Gain Base	Catalog # Flat Base	Component Insulators		Dimensions (in.)					Maximum Loadings** (lb.)			
			Post	Suspension	A	B	C	D	X	Vertical	Tension	Compression	Longitudinal
115/138	234232	234233	522008	511007	54.9	54.6	51.0	61.6	18	9980	7500	12500	1680
115/138	234234	234235	522009	511008	60.1	60.7	56.0	67.7	20	9980	7500	12500	1510
161	234236	234237	522010	511009	65.5	66.7	61.0	73.7	22	9980	7500	12500	1370
161	234238	234239	522011	511010	70.9	72.8	66.0	79.8	24	9980	7500	12500	1250
230 *	234240	234241	522014	511013	86.9	91.1	80.0	98.1	28	9980	7500	12500	1000
230 *	234242	234243	522015	511014	92.3	97.2	85.0	104.2	30	9980	7500	12500	930

Pivoting Horizontal V Assembly

Typical System kV	Catalog # Gain Base	Catalog # Flat Base	Component Insulators		Dimensions (in.)					Maximum Loadings** (lb.)			
			Post	Suspension	A	B	C	D	X	Vertical	Tension	Compression	Longitudinal
115/138	—	234244	522008	511007	55.2	54.6	51.0	61.6	18	9980	7500	12500	—
115/138	—	234245	522009	511008	60.4	60.7	56.0	67.7	20	9980	7500	12500	—
161	—	234246	522010	511009	65.8	66.7	61.0	73.7	22	9980	7500	12500	—
161	—	234247	522011	511010	71.2	72.8	66.0	79.8	24	9980	7500	12500	—
230 *	—	234248	522014	511013	87.2	91.1	80.0	98.1	28	9980	7500	12500	—
230 *	—	234249	522015	511014	92.6	97.2	85.0	104.2	30	9980	7500	12500	—

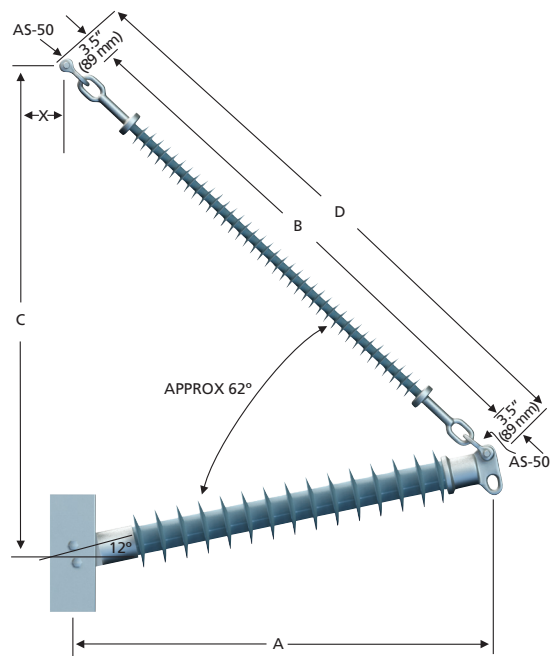
Contact your HPS representative for designs utilizing the optional pivoting strut member.

* Corona rings are required for 230 kV and above.

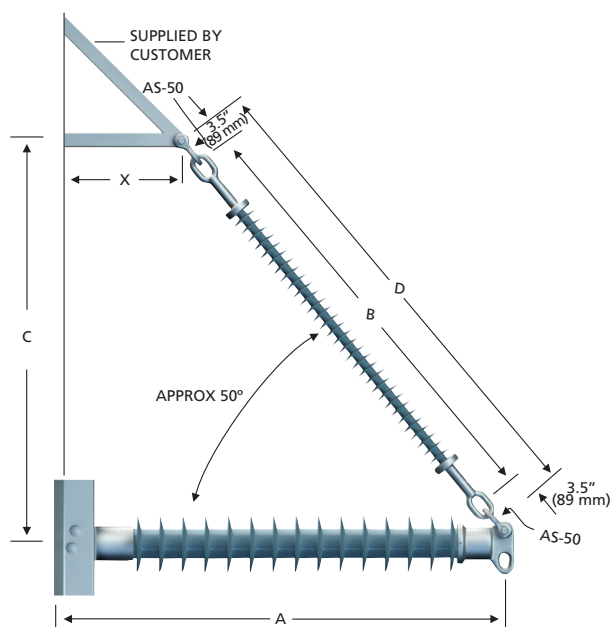
** Maximum loads are for single loads in the specified direction.

Assembly Drawings

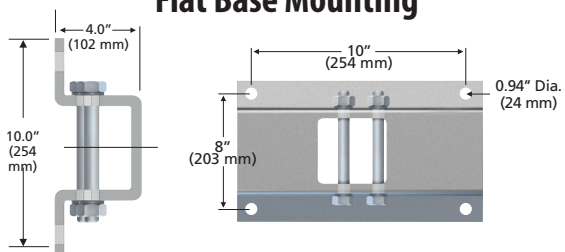
Braced Line Post



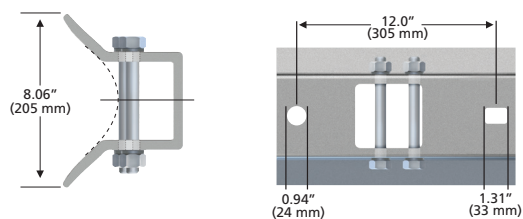
Horizontal-V



Flat Base Mounting



Gain Base Mounting



About Hubbell Power Systems

Hubbell Power Systems (HPS) manufactures a wide variety of transmission, distribution, substation, OEM and telecommunications products used by utilities. HPS products are also used in the civil construction, transportation, gas and water industries. Our product line includes construction and switching products, tools, insulators, arresters, pole line hardware, cable accessories, test equipment, transformer bushings and polymer precast enclosures and equipment pads.

Because Hubbell has a policy of continuous product improvement. We reserve the right to change design and specifications without notice.

©Copyright 2019 Hubbell Incorporated
Printed in U.S.A. | Rev. 01/2019

Catalog CA_08_051_E

www.hubbellpowersystems.com

