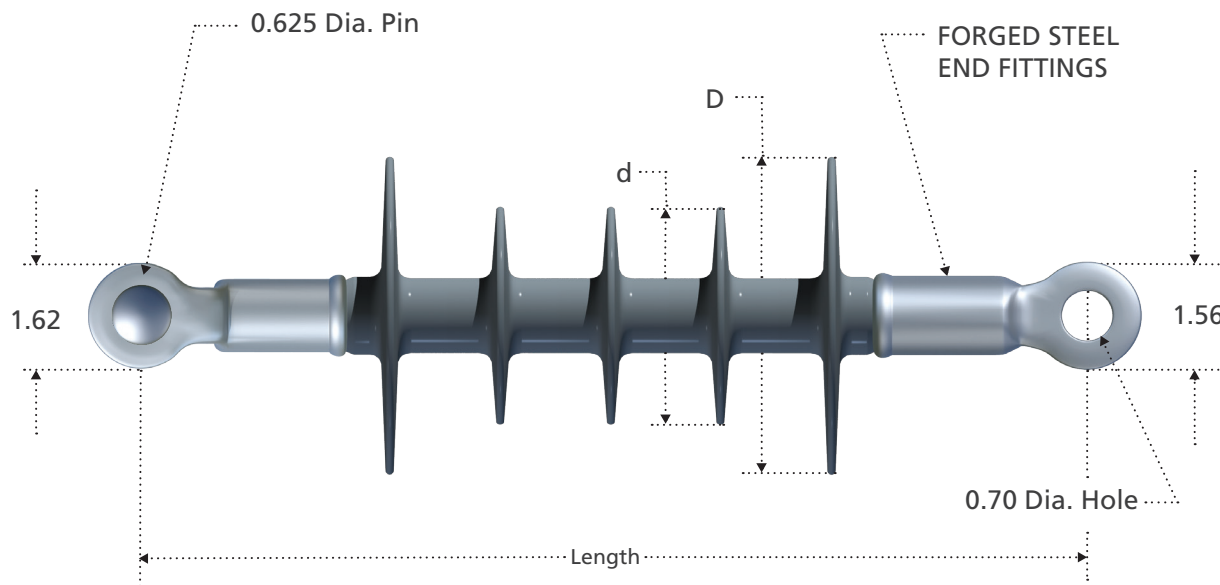


PDI Mechanical Characteristics

0.625" (16mm) Diameter Rod Deadend Insulators



Mechanical Characteristics

Catalog Number	No. of Sheds	Length Inches (mm)	Diameter Inches (mm)		Net Wt. pounds (kg)	Standard Package Qty		Torsion ft-lb (N-m)	² SML pounds (kN)	³ RTL pounds (kN)	⁴ Proof pounds (kN)
			D	d		Box	Pallet				
4010150215	5	12.50 (318)	3.9 (99)	2.7 (69)	2.3 (1.0)	15	540	35 (47)	15,000 (70)	7,500 (35)	10,000 (44.5)
4010280215	10	17.50 (445)	3.3 (84)	2.4 (61)	2.5 (1.1)	15	360	35 (47)	15,000 (70)	7,500 (35)	10,000 (44.5)
4010250215	10	18.75 (475)	3.8 (97)	2.8 (71)	2.7 (1.2)	15	360	35 (47)	15,000 (70)	7,500 (35)	10,000 (44.5)
4010350215	8	25.00 (635)	3.0 (76)		2.8 (1.3)	15	300	35 (47)	15,000 (70)	7,500 (35)	10,000 (44.5)
4010460215	10	23.00 (584)	4.4 (112)	3.0 (76)	2.9 (1.3)	15	300	40 (55)	15,000 (70)	7,500 (35)	10,000 (44.5)

RUS Accepted

²SML — Specified Mechanical Load is the tension load that a Veri* Lite insulator can withstand during a 90-second test without failure. SML is comparable to the M&E strength rating of porcelain insulators.

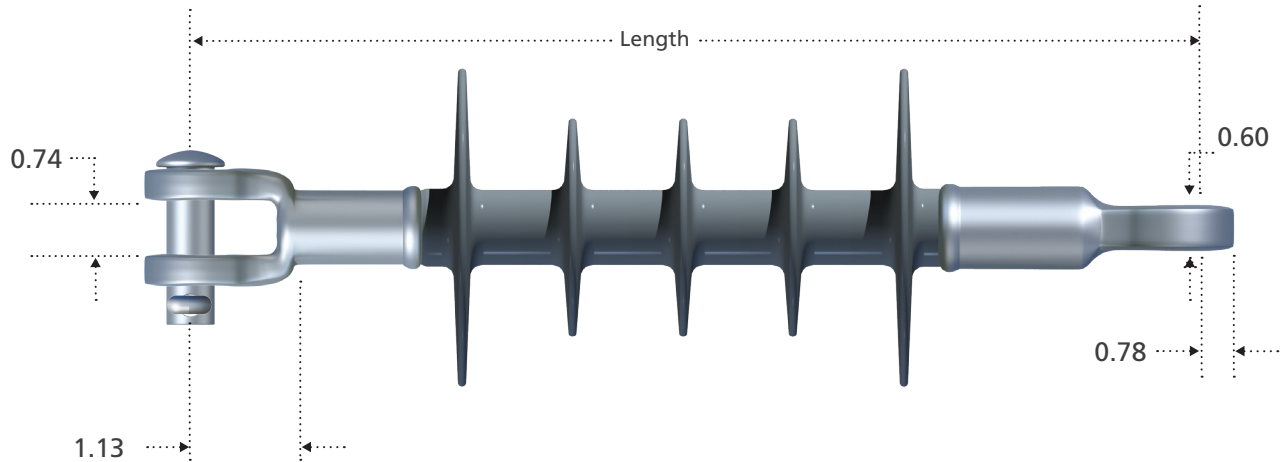
³RTL — A Routine Test Load value is equal to 50% of the SML value.

⁴Proof Test — The mechanical tension load applied at the factory to each insulator for ten (10) seconds.

NOTE: PDI Type insulators are intended for applications which are within 75° of horizontal to allow proper shed drainage.

PDI Electrical Characteristics

0.625" (16mm) Diameter Rod Deadend Insulators



PDI/VLS

Electrical Characteristics

Catalog Numbers	Type	Leakage Distance Inches (mm)	Dry Arc Distance Inches (mm)	Flashover ANSI - kV		Critical Impulse Flashover		RIV		Power Arc kA cycles	SL of # of 4-1/4 Bells	Insulator Class
				Dry-kV	Wet-kV	Pos-kV	Neg-kV	Test kV	Max.			
4010150215	PDI-15	16 (406)	8.1 (205)	100	80	150	170	15	<10	150	2	DS15
4010280215	PDI-28	26 (660)	12.6 (320)	140	120	235	250	20	<10	150	—	DS28
4010250215	PDI-25	31 (787)	14.3 (363)	155	135	270	280	30	<10	150	3	DS35
4010350215	PDI-35	33 (838)	20 (508)	200	160	325	360	30	<10	150	4	—
4010460215	PDI-46	37.6 (955)	19.1 (485)	195	175	360	365	30	<10	150	—	DS46

KEY TO THE CATALOG NUMBERS

X01XXXX215

- 4 = ESPTSM Rubber
- 8 = Silicone Rubber
- 0 = Standard Pin
- 1 = Hex Pin
- 3 = Standard Pin Rotated End-fitting
- 5 = ANSI 52-3 Ball & Socket
- 6 = IEC 16mm Ball & Socket
- Type
- 0 = Standard Marking
- 6 = CSA or Sample Testing
- SML
- Ferrous End-fitting

Example: Cat. #4013250215 is a Veri*Lite insulator, 25 kV. Rated with standard pin and rotated end-fitting (ferrous) 15,000 lbs. SML, plus standard markings.