



PATTON & COOKE Stand Off Insulators



Patton & Cooke stand off insulators are cast from thermal setting resin and suitable for indoor applications. Stand off insulators are designed for spacing or connectors.

Illustration (not to scale)	Voltage Class (kV)	Impulse Voltage (kV BIL)	Patton & Cooke Catalogue	Dimensions				Weight	
				a		b			
				(mm)	(in)	(mm)	(in)	(kg)	(lb)
	2.5	45	IN-2.5EN - <u>x</u> <u>y</u>	64	2.50	51	2.00	0.23	0.50
	5	60	IN-5NE - <u>x</u> <u>y</u>	89	3.50	102	4.00	1.14	2.50
	7.5	75	IN-7NE - <u>x</u> <u>y</u>	114	4.50	102	4.00	1.36	3.00
	15	95	IN-15LNE - <u>x</u> <u>y</u>	152	6.00	102	4.00	1.82	4.00
		110	IN-15HNE - <u>x</u> <u>y</u>	191	7.50	102	4.00	2.04	4.50
	25	150	IN-25NE - <u>x</u> <u>y</u>	267	10.50	102	4.00	2.72	6.00

SELECTION REMINDERS:

1. Metric sizes are available. Contact factory.
2. Insulators with unique bolt patterns and insulators equipped with studs are available. Contact factory.

ORDERING PROCEDURE:

1. Determine the a. Voltage class b. Impulse Voltage
2. Select the catalogue number of the stand off insulator.
3. Determine the bolt pattern for the inserts on the top (x) and bottom (y) of the insulator. From this information and Table A below, substitute the appropriate catalogue numbers for suffixes x and y.

3. When inserts are ordered for each end of the insulator, the insulator will be supplied with the bolt pattern in line. If inserts are required at 90°, add -90 to the catalogue number.

Example: 15 kV, 95 kV BIL application with a 1/2" -13 NC insert in the center of the top and two 1/2" -13NC, 3" bolt circle insert on the bottom of the insulator.

Stand off Insulator Catalogue No. **IN-15LNE-AL**

Table A: Insert Bolt Patterns

No. of Holes	Bolt Size	Bolt Circle		Catalogue No. Suffix <u>x</u> or <u>y</u>
		(mm)	(in)	
1	1/2" - 13 NC			A
	3/4" - 10 NC			F
	3/8" - 16 NC			D
	5/8" - 11 NC			M
2	3/8" - 16 NC	29	1 1/8"	T
2	3/8" - 13 NC	51	2	B
	1/2" - 10 NC	76	3	L
	3/8" - 16 NC	76	3	V
4	3/8" - 11 NC	51	2	C
	1/2" - 16 NC	76	3	E



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We make the connection.